

## Part II - Collision Characteristics

There are many characteristics associated with traffic collisions. Patterns in these characteristics can provide insight into the cause of collisions and may ultimately lead to effective countermeasures for reducing the number of collisions that occur and minimizing the severity of those that will still occur. The data provided on the following pages may raise interesting questions for those interested in highway safety. These questions may in turn lead to research, which addresses a particular collision characteristic. Here are some examples of traffic collision characteristics for 2002:

### A. Driver

- ◆ Male drivers between the ages of 20 and 24 continue to be over represented in fatal collisions.
- ◆ Nearly two thirds of all drivers involved in traffic collisions were not charged with any violation.
- ◆ The leading traffic violation in 2002 was "Speeding less than 10 miles over the limit".

### B. Time

- ◆ More than 74% of fatal collisions occurred between the hours of 12:01 p.m. and 3:00 a.m.
- ◆ The months of June, July and December had the most fatal collisions, 97, 91, and 94 respectively. December has the most traffic fatalities (103) in 2002.
- ◆ More traffic deaths occurred on the three weekend days (Friday, Saturday, Sunday) than on the four week days (Monday, Tuesday, Wednesday, Thursday).

### C. Location

- ◆ More fatal collisions and deaths occurred on state secondary routes than on any other route category.
- ◆ One out of 11 traffic collisions occurred on the interstate. Nearly 1 out of 8 *fatal* collisions occurred on interstates.

### D. Environment

- ◆ Over 83% of all traffic collisions occurred during clear or cloudy weather conditions.
- ◆ More than 79% of all collisions occurred on a dry road surface.

### E. Vehicles

- ◆ Automobiles made up over 60% of all units involved in traffic collisions during 2002.
- ◆ A total of 8.3% of the traffic collisions involving railway trains, 9.6% involving pedestrians, 5.2% involving motorcycles, 3.0% involving bicycles, 2.4% involving mopeds and 1.8% involving truck tractors resulted in fatalities.

# A. The Driver

Numerous decisions are required of drivers in the operation of a motor vehicle. All too often, poor judgement, inattention or carelessness on the part of a driver results in a dangerous driving decision, which leads to a traffic collision. The primary contributing factor in over 90% of all reported traffic crashes was driver-related in 2002. Often, the officer investigating the collision will issue a citation to one or more of the drivers involved. Driver violations charged to drivers involved in traffic collisions reported during 2002 are as follows:

<u>Violation</u>	<u>Amount</u>	<u>%</u>
1. Speeding < 10 MPH Over Speed Limit	22,616	30.4
2. Failure to Yield Right of Way	14,146	20.0
3. Driving Under the Influence	4,373	5.9
4. Driver's License Violation	3,635	4.9
5. Disregarded Sign Signal	3,228	4.3
6. Following Too Close	2,842	3.8
7. Changing Lanes Unlawfully	2,546	3.4
8. Uninsured	1,735	2.3
9. Driving Under Suspension	1,658	2.2
10. Improper Turning	1,361	1.8
11. <u>Other Violations</u>	<u>16,235</u>	<u>21.9</u>
<b>Total</b>	<b>74,375</b>	<b>100</b>

Enumerated on the following pages are the numbers of licensed drivers by age and sex and the number of drivers involved in collisions by age and sex. Based on the figures indicated in these tables, nearly 1 out of every 8 (13%) of all licensed male drivers between the ages of 15 and 24 years of age was involved in a traffic collision in 2002. Also 1 in 10 (10%) of the female drivers in the same age group were involved in collisions. For the entire licensed population, approximately one out of every 15 drivers was involved in a collision during the year. **More than 70% of the drivers in fatal crashes were male.**

**LICENSED DRIVERS BY AGE AND SEX\***

<b>AGE</b>	<b>MALE</b>	<b>%</b>	<b>FEMALE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
14**	51	0.0	7	0.0	58	0.0
15	12,354	0.4	12,478	0.4	24,835	0.8
16	18,044	0.6	17,641	0.6	35,686	1.2
17	21,239	0.7	20,661	0.7	41,901	1.4
18	23,392	0.8	23,054	0.8	46,446	1.6
19	24,046	0.8	24,051	0.8	48,099	1.6
20	25,009	0.9	25,550	0.9	50,559	1.7
21	25,423	0.9	26,325	0.9	51,752	1.8
22	25,714	0.9	27,264	0.9	52,980	1.8
23	26,628	0.9	27,666	0.9	54,297	1.9
24	26,314	0.9	27,055	0.9	53,374	1.8
25-29	126,796	4.3	132,649	4.5	259,469	8.9
30-34	135,796	4.6	143,287	4.9	279,100	9.5
35-39	135,391	4.6	144,936	4.9	280,343	9.6
40-44	141,421	4.8	153,145	5.2	294,585	10.0
45-49	136,198	4.6	149,498	5.1	285,710	9.7
50-54	124,529	4.2	135,880	4.6	260,421	8.9
55-59	110,695	3.8	117,441	4.0	228,156	7.8
60-64	85,948	2.9	90,284	3.1	176,243	6.0
65-69	66,602	2.3	70,885	2.4	137,491	4.7
70-74	52,575	1.8	57,294	2.0	109,877	3.7
75-79	39,118	1.3	45,541	1.6	84,661	2.9
80-84	23,128	0.8	27,928	1.0	51,056	1.7
85 & Over	11,083	0.4	13,278	0.5	24,362	0.8
OTHER AND UNKNOWN	70		65		236	
<b>TOTAL</b>	<b>1,417,564</b>	<b>48.4</b>	<b>1,513,863</b>	<b>51.6</b>	<b>2,931,697</b>	<b>100.0</b>

\*As of 6/23/2003

\*\*Moped License Only

**AGE AND SEX OF DRIVERS INVOLVED IN REPORTED TRAFFIC COLLISIONS\*\***

TOTAL COLLISION DRIVERS				
AGE	FEMALE	MALE	UNKNOWN	TOTAL
<15	95	141	0	236
15	675	754	0	1,429
16	2,240	2,641	0	4,881
17	2,951	3,495	2	6,448
18	2,982	3,819	0	6,801
19	2,835	3,754	0	6,589
20	2,808	3,571	1	6,380
21	2,675	3,402	1	6,078
22	2,442	3,173	0	5,615
23	2,207	2,916	0	5,123
24	2,085	2,632	0	4,717
25 to 29	8,933	11,559	3	20,495
30 to 34	8,811	10,817	1	19,629
35 to 39	8,217	10,333	1	18,551
40 to 44	7,649	9,543	3	17,195
45 to 49	6,428	8,561	0	14,989
50 to 54	5,300	7,153	4	12,457
55 to 59	4,037	5,973	1	10,011
60 to 64	2,767	4,075	1	6,843
65 to 69	2,127	3,071	0	5,198
70 to 74	1,672	2,499	1	4,172
75 to 79	1,497	1,802	0	3,299
80 to 84	780	1,054	0	1,834
85 & Older	313	500	400	1,213
UNKNOWN*	230	962	7,585	8,777
<b>TOTALS</b>	<b>82,756</b>	<b>108,200</b>	<b>8,004</b>	<b>198,960</b>

FATAL COLLISION DRIVERS				
AGE	FEMALE	MALE	UNKNOWN	TOTAL
<15	1	5	0	6
15	1	8	0	9
16	6	23	0	29
17	10	20	0	30
18	12	27	0	39
19	11	30	0	41
20	12	27	0	39
21	14	32	0	46
22	8	30	0	38
23	9	28	0	37
24	7	23	0	30
25 to 29	34	125	0	159
30 to 34	35	101	0	136
35 to 39	27	101	0	128
40 to 44	37	87	1	125
45 to 49	37	85	0	122
50 to 54	39	53	0	92
55 to 59	15	55	0	70
60 to 64	17	28	0	45
65 to 69	16	30	0	46
70 to 74	18	26	0	44
75 to 79	8	21	0	29
80 to 84	7	15	0	22
85 & Older	2	6	1	9
UNKNOWN*	0	3	28	31
<b>TOTALS</b>	<b>383</b>	<b>989</b>	<b>30</b>	<b>1,402</b>

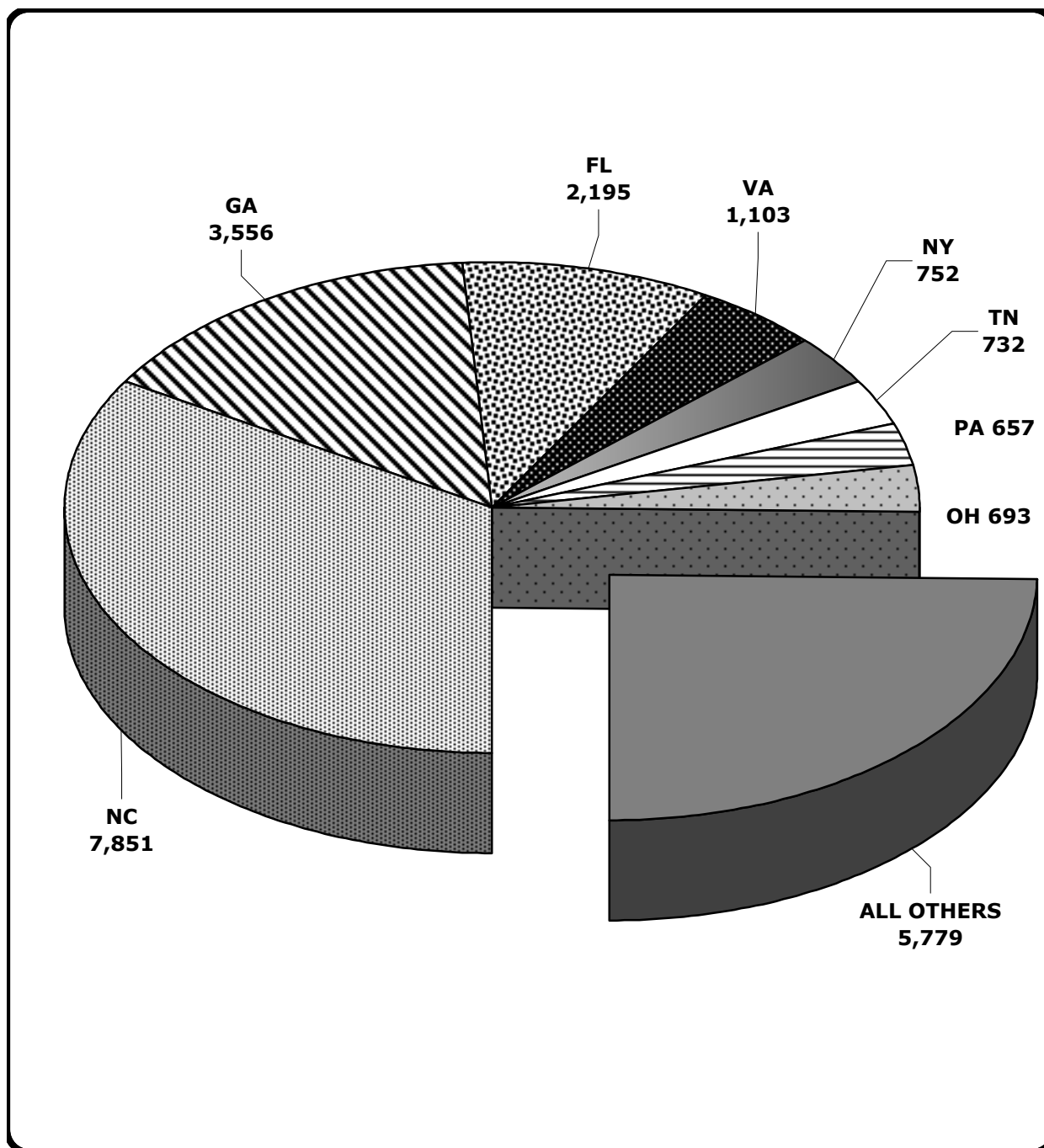
INJURY COLLISION DRIVERS				
AGE	FEMALE	MALE	UNKNOWN	TOTAL
<15	31	64	0	95
15	205	231	0	436
16	683	729	0	1,412
17	952	1,027	0	1,979
18	961	1,126	0	2,087
19	896	1,063	0	1,959
20	896	1,046	0	1,942
21	840	1,026	0	1,866
22	775	935	0	1,710
23	716	875	0	1,591
24	635	761	0	1,396
25 to 29	2,757	3,333	0	6,090
30 to 34	2,874	3,098	1	5,973
35 to 39	2,688	3,079	0	5,767
40 to 44	2,349	2,770	0	5,119
45 to 49	2,055	2,486	0	4,541
50 to 54	1,694	2,038	3	3,735
55 to 59	1,321	1,669	0	2,990
60 to 64	876	1,154	0	2,030
65 to 69	677	862	0	1,539
70 to 74	485	687	0	1,172
75 to 79	457	541	0	998
80 to 84	243	308	0	551
85 & Older	110	138	89	337
UNKNOWN*	67	280	1,599	1,946
<b>TOTALS</b>	<b>26,243</b>	<b>31,326</b>	<b>1,692</b>	<b>59,261</b>

PROPERTY DAMAGE ONLY COLLISION DRIVERS				
AGE	FEMALE	MALE	UNKNOWN	TOTAL
<15	63	72	0	135
15	469	515	0	984
16	1,551	1,889	0	3,440
17	1,989	2,449	1	4,439
18	2,009	2,666	0	4,675
19	1,928	2,661	0	4,589
20	1,900	2,498	1	4,399
21	1,821	2,344	1	4,166
22	1,659	2,208	0	3,867
23	1,482	2,013	0	3,495
24	1,443	1,848	0	3,291
25 to 29	6,142	8,102	2	14,246
30 to 34	5,902	7,618	0	13,520
35 to 39	5,502	7,153	1	12,656
40 to 44	5,263	6,686	2	11,951
45 to 49	4,336	5,990	0	10,326
50 to 54	3,567	5,062	1	8,630
55 to 59	2,701	4,249	1	6,951
60 to 64	1,874	2,893	1	4,768
65 to 69	1,434	2,179	0	3,613
70 to 74	1,169	1,786	1	2,956
75 to 79	1,032	1,240	0	2,272
80 to 84	530	731	0	1,261
85 & Older	201	356	310	867
UNKNOWN*	163	677	5,960	6,800
<b>TOTALS</b>	<b>56,130</b>	<b>75,885</b>	<b>6,282</b>	<b>138,297</b>

\* Includes drivers whose age and/or sex were not recorded on the report, hit and run vehicles for which driver information was not available and parked vehicles with no driver.

\*\*These figures only represent drivers of units defined as a motor vehicle.

# **OUT OF STATE DRIVERS INVOLVED IN TRAFFIC COLLISIONS\***

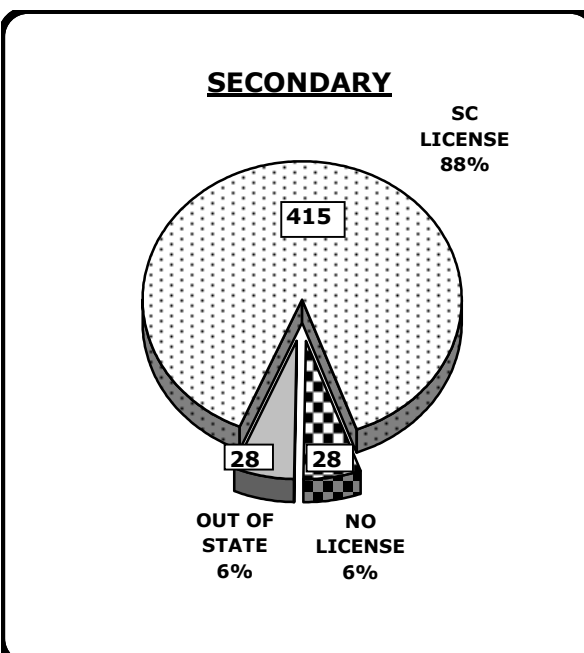
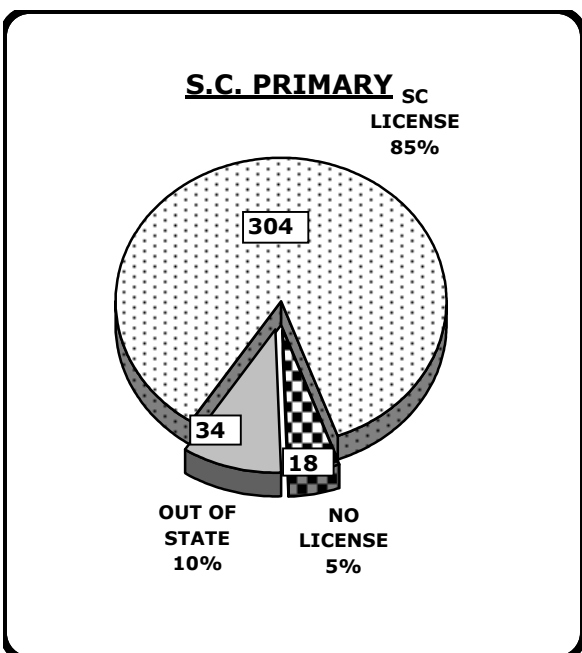
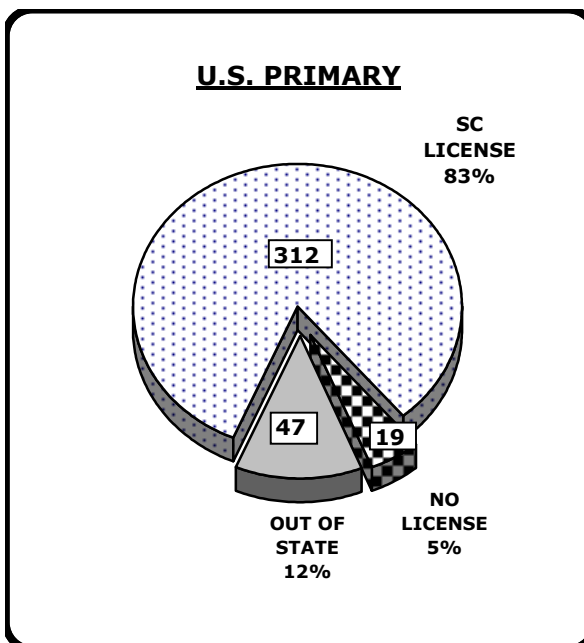
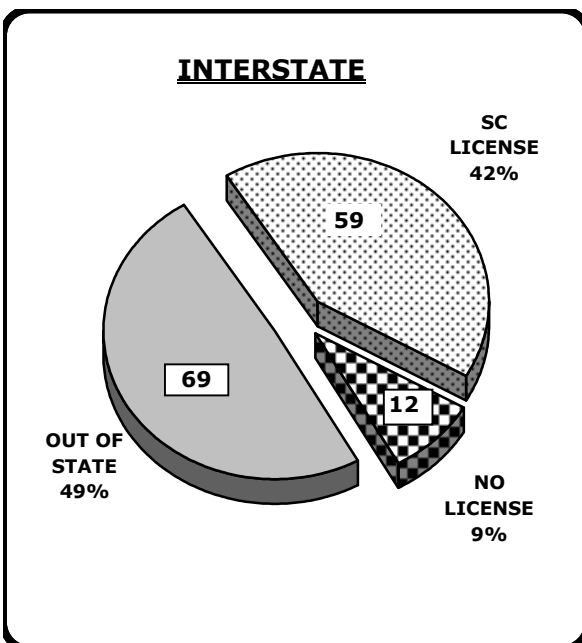


**SOUTH CAROLINA DRIVERS TOTALED 162,734**

\* Figures only represent drivers of any motor vehicle requiring a valid driver's license

## DRIVERS INVOLVED IN FATAL COLLISIONS

### BY LICENSE STATE

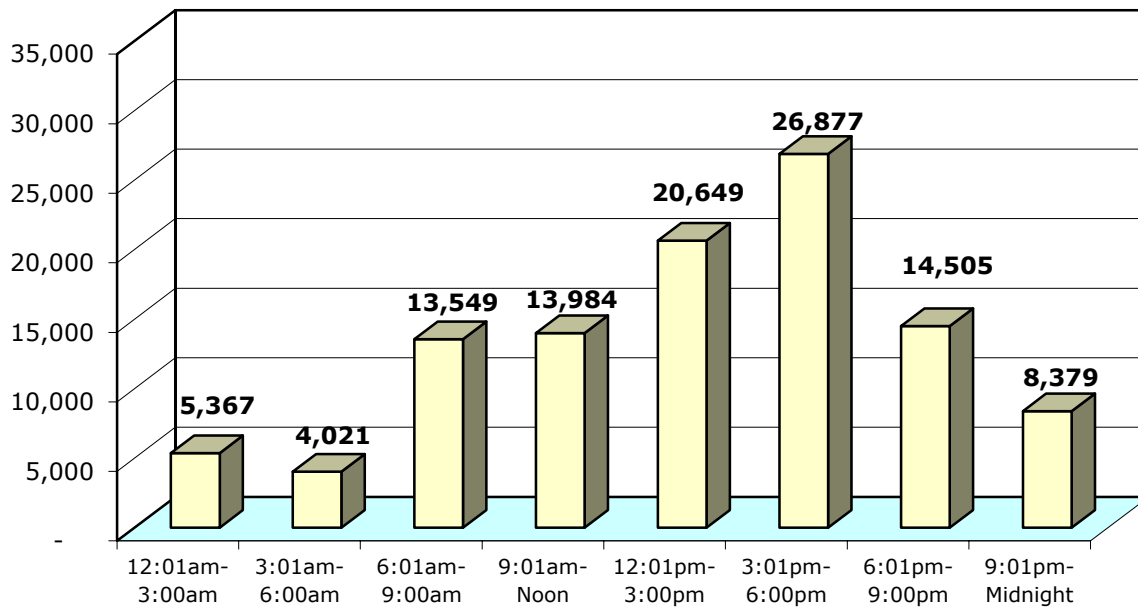


# B. Time

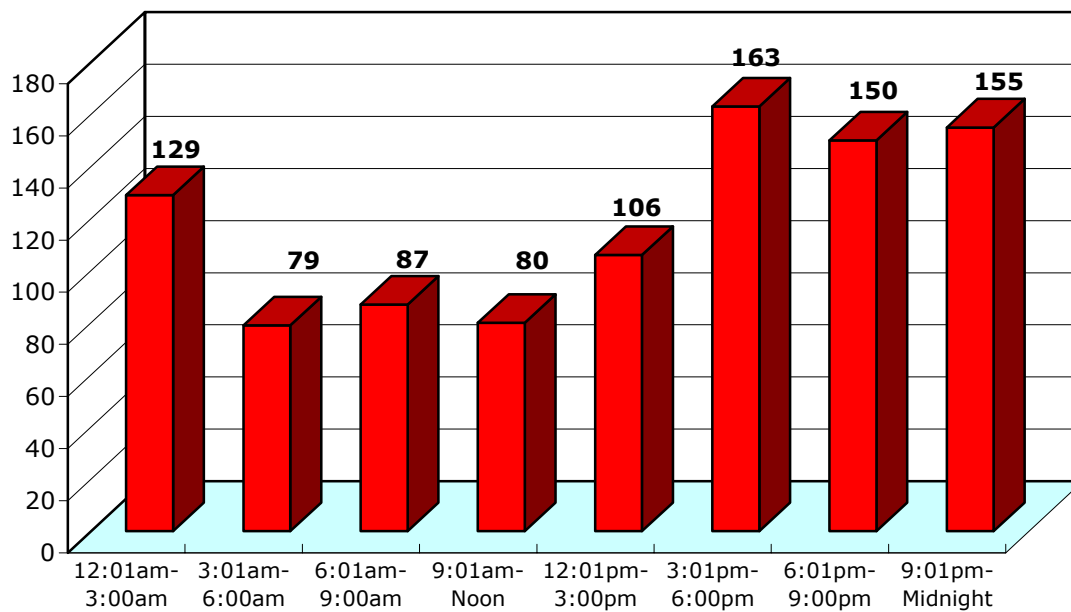
The frequency of traffic collisions is affected by the settings of the clock and calendar. The concentration of traffic, for example, is heavier at certain times of the day, days of the week and month. Travel is also affected by holidays and by special events such as football games. In addition to travel, driver attitudes, vision and behavior are influenced by time factors. Weather and time of year. On the following pages, statistics are presented which indicate observable time variables. Some of the important observations in the 2002 data are as follows.

- ◆ More traffic deaths occurred on the three weekend days (Friday, Saturday, Sunday - 537), than on the four weekdays (Monday, Tuesday, Wednesday, Thursday - 516).
- ◆ Property Damage Only collisions are much more likely to occur during daylight hours. More than 71% of the collisions that have no injuries or fatalities occurred between 6:01 am and 6:00 pm.
- ◆ In contrast to the Property Damage Only collisions, fatal collisions occurred more frequently in the nighttime hours between 6:01 pm and 6:00 am. Approximately 54% of all fatal collisions occurred during this twelve-hour period.
- ◆ More traffic crashes were reported on Friday than any other day of the week with 19,948 collisions during 2002, accounting for more than 18.4% of the total. No other day of the week experienced as many as 16,000 collisions. The fewest traffic collisions were reported on Sundays with 10,616 or 9.8%.
- ◆ As in past years, more fatal collisions were reported on Saturday (203) than any other day. This accounted for about 21.3% of all fatal collisions and resulted in the deaths of 218 persons. The fewest number of fatal collisions occurred on Tuesday with 96, resulting in 109 fatalities. This represents the fourth year in a row that all seven days of the week experienced at least 95 fatal collisions.
- ◆ October was the leading month for all collisions in 2001, with 9,909. The leading month for fatal collisions was June with 97 collisions. December had the most fatalities with 103. February had the fewest fatal collisions with 61. February also had the fewest fatalities with 67.
- ◆ Two out of the six 2002 holiday periods, had more traffic fatalities than in 2001. These were the Memorial Day and Fourth of July holidays.

### NON-FATAL COLLISIONS BY TIME OF DAY

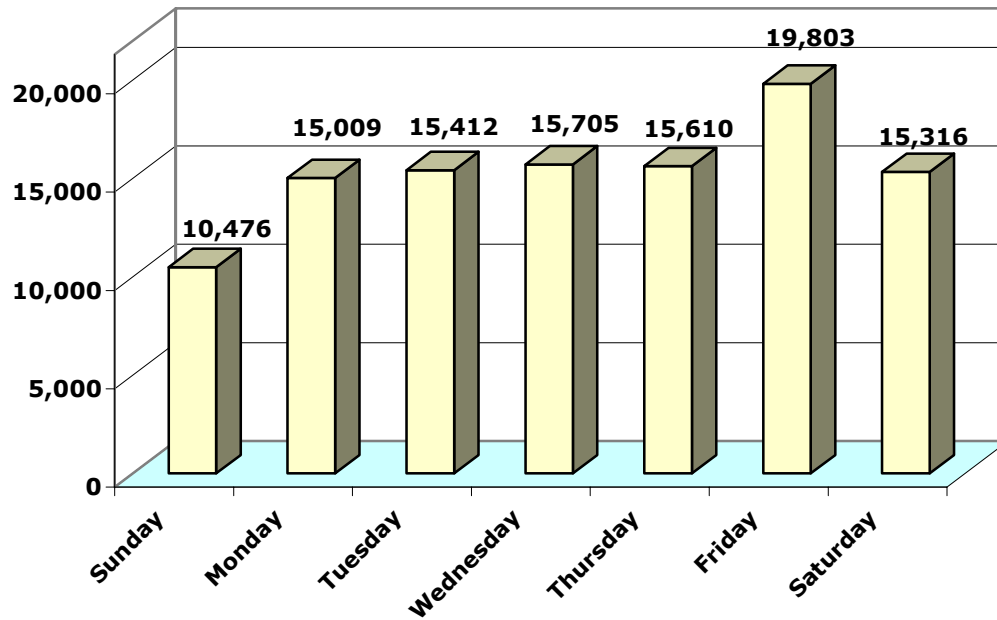


### FATAL COLLISIONS BY TIME OF DAY

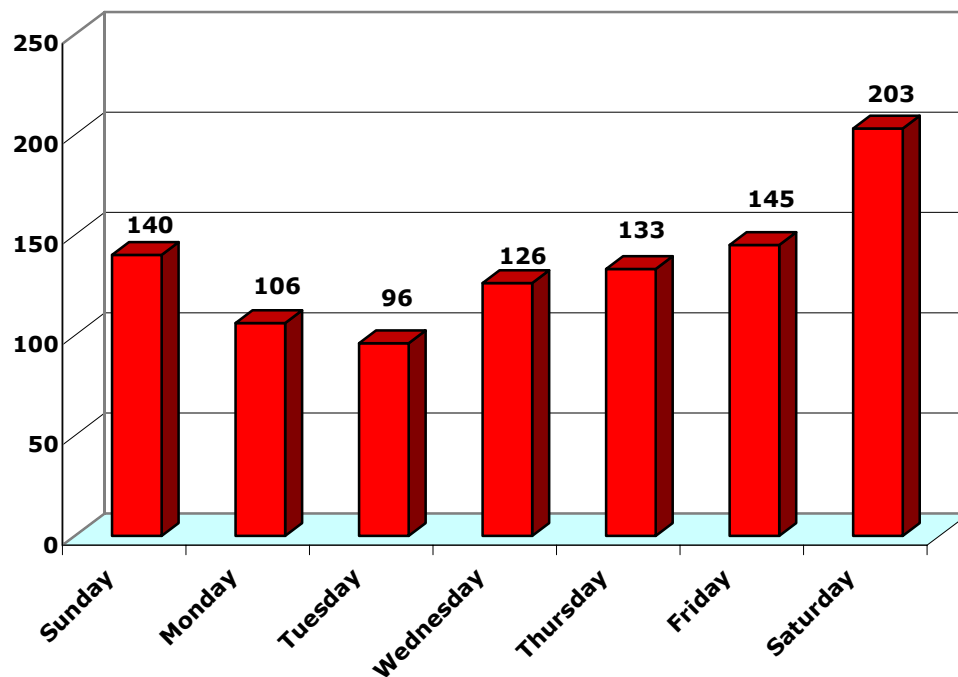


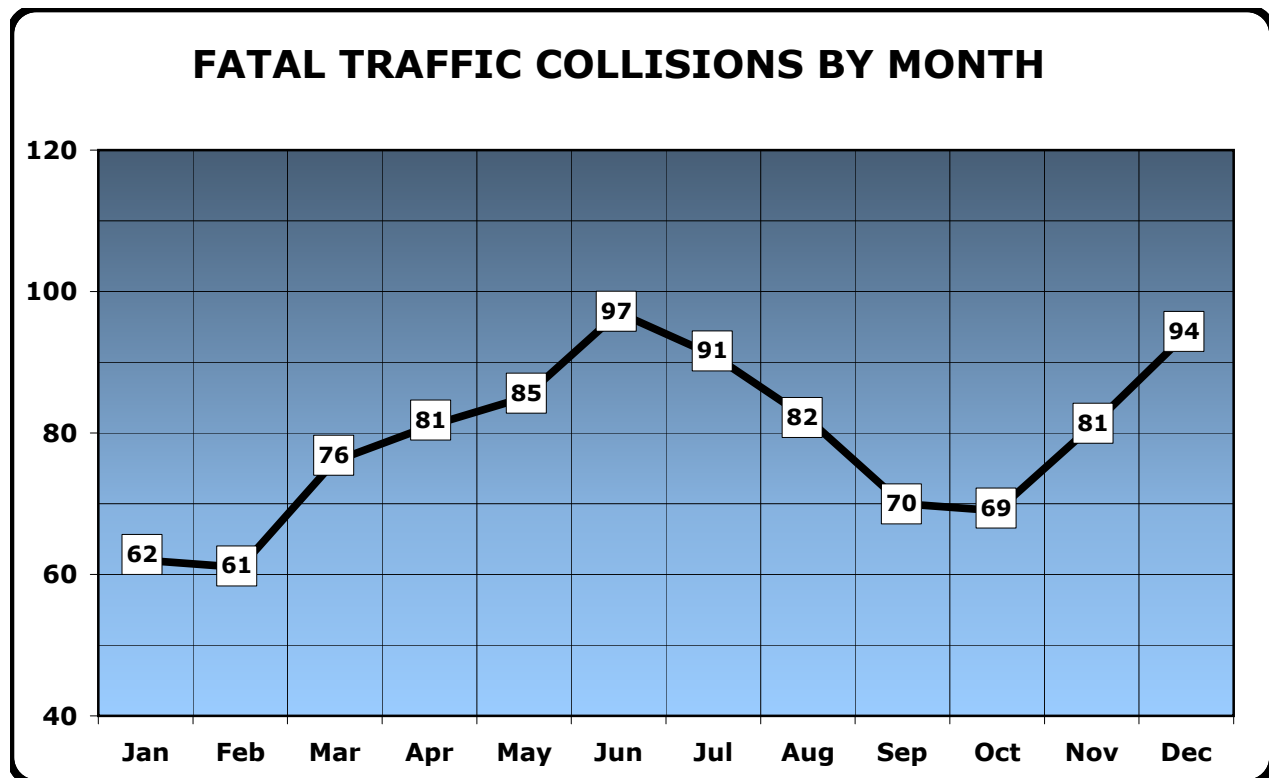
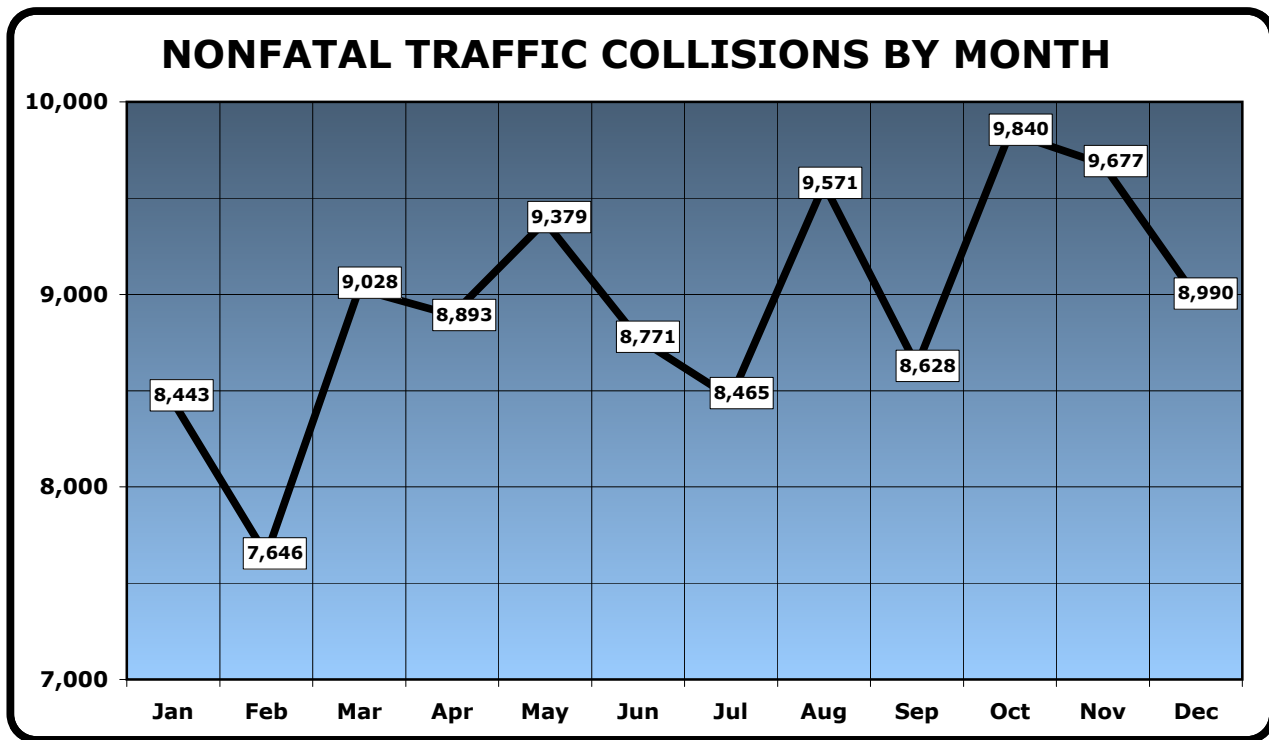


### NONFATAL COLLISIONS BY DAY OF WEEK



### FATAL COLLISIONS BY DAY OF WEEK





**TRAFFIC COLLISIONS BY TIME OF DAY**

TIME OF DAY	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
12:01am-3:00am	129	1,867	3,500	5,496	148	2,845
3:01am-6:00am	79	1,239	2,782	4,100	86	1,714
6:01am-9:00am	87	3,703	9,846	13,636	97	5,704
9:01am-Noon	80	4,091	9,893	14,064	87	6,462
12:01pm-3:00pm	106	6,100	14,549	20,755	121	9,976
3:01pm-6:00pm	163	7,921	18,956	27,040	177	13,175
6:01pm-9:00pm	150	4,655	9,850	14,655	164	7,687
9:01pm-Midnight	155	2,851	5,528	8,534	173	4,532
<b>TOTALS</b>	<b>949</b>	<b>32,427</b>	<b>74,904</b>	<b>108,280</b>	<b>1,053</b>	<b>52,095</b>

**TRAFFIC COLLISIONS BY DAY OF WEEK**

DAY OF WEEK	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Sunday	140	3,406	7,070	10,616	159	5,660
Monday	106	4,496	10,513	15,115	120	7,053
Tuesday	96	4,632	10,780	15,508	109	7,274
Wednesday	126	4,575	11,130	15,831	135	7,354
Thursday	133	4,587	11,023	15,743	152	7,307
Friday	145	5,800	14,003	19,948	160	9,261
Saturday	203	4,931	10,385	15,519	218	8,186
<b>TOTALS</b>	<b>949</b>	<b>32,427</b>	<b>74,904</b>	<b>108,280</b>	<b>1,053</b>	<b>52,095</b>

**TRAFFIC COLLISIONS BY MONTH**

MONTH	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	62	2,492	5,951	8,505	71	3,822
February	61	2,337	5,309	7,707	67	3,771
March	76	2,820	6,208	9,104	91	4,577
April	81	2,775	6,118	8,974	92	4,460
May	85	2,974	6,405	9,464	93	4,740
June	97	2,713	6,058	8,868	102	4,452
July	91	2,608	5,857	8,556	98	4,292
August	82	2,887	6,684	9,653	86	4,597
September	70	2,623	6,005	8,698	81	4,212
October	69	2,791	7,049	9,909	81	4,535
November	81	2,780	6,897	9,758	88	4,463
December	94	2,627	6,363	9,084	103	4,174
<b>TOTALS</b>	<b>949</b>	<b>32,427</b>	<b>74,904</b>	<b>108,280</b>	<b>1,053</b>	<b>52,095</b>

\*Property Damage Only

**PERSONS KILLED AND FATAL COLLISIONS  
FOR SELECTED HOLIDAY PERIODS 1993-2002**

<b>Holiday &amp; Years</b>	<b>Time Beginning</b>	<b>Days &amp; Dates</b>	<b>Hours</b>	<b>Actual Holiday</b>	<b>Persons Killed</b>	<b>Fatal Collisions</b>
<b>Memorial Day</b>						
1993	6 p.m.	05/28-05/31	78	Mon	10	7
1994	6 p.m.	05/27-05/30	78	Mon	10	9
1995	6 p.m.	05/26-05/29	78	Mon	13	11
1996	6 p.m.	05/24-05/27	78	Mon	6	5
1997	6 p.m.	05/23-05/26	78	Mon	11	11
1998	6 p.m.	05/22-05/25	78	Mon	11	10
1999	6 p.m.	05/28-05/31	78	Mon	10	10
2000	6 p.m.	05/26-05/29	78	Mon	10	10
2001	6 p.m.	05/25-05/28	78	Mon	7	7
2002	6 p.m.	05/24-05/27	78	Mon	12	10
<b>Fourth of July</b>						
1993	6 p.m.	07/02-07/05	78	Sun	6	6
1994	6 p.m.	07/01-07/04	78	Mon	10	10
1995	6 p.m.	06/30-07/04	102	Tue	12	12
1996	6 p.m.	07/03-07/07	102	Thur	15	14
1997	6 p.m.	07/03-07/06	78	Fri	9	8
1998	6 p.m.	07/02-07/05	78	Sat	14	13
1999	6 p.m.	07/02-07/05	78	Sun	20	13
2000	6 p.m.	06/30-07/04	102	Tue	21	20
2001	6 p.m.	07/03-07-04	30	Wed	4	4
2002	6 p.m.	07/03-07/07	102	Thur	22	20
<b>Labor Day</b>						
1993	6 p.m.	09/03-09/06	78	Mon	5	5
1994	6 p.m.	09/02-09/05	78	Mon	10	10
1995	6 p.m.	09/01-09/04	78	Mon	6	6
1996	6 p.m.	08/30-09/02	78	Mon	18	11
1997	6 p.m.	08/29-09/01	78	Mon	15	13
1998	6 p.m.	09/04-09/07	78	Mon	9	8
1999	6 p.m.	09/03-09/06	78	Mon	9	9
2000	6 p.m.	09/01-09/04	78	Mon	10	10
2001	6 p.m.	08/31-09/03	78	Mon	14	14
2002	6 p.m.	08/30-09/02	78	Mon	11	10

### PERSONS KILLED AND FATAL COLLISIONS FOR SELECTED HOLIDAY PERIODS 1993-2002

Holiday & Years	Time Beginning	Days & Dates	Hours	Actual Holiday	Persons Killed	Fatal Collisions
<b>Thanksgiving</b>						
1993	6 p.m.	11/24-11/28	102	Thur	10	10
1994	6 p.m.	11/23-11/27	102	Thur	12	10
1995	6 p.m.	11/22-11/26	102	Thur	12	11
1996	6 p.m.	11/27-12/01	102	Thur	12	11
1997	6 p.m.	11/26-11/30	102	Thur	11	10
1998	6 p.m.	11/25-11/29	102	Thur	13	13
1999	6 p.m.	11/24-11/28	102	Thur	14	13
2000	6 p.m.	11/22-11/26	102	Thur	8	6
2001	6 p.m.	11/21-11/25	102	Thur	16	12
2002	6 p.m.	11/28-12/01	102	Thur	9	8
<b>Christmas</b>						
1993	6 p.m.	12/23-12/26	78	Sat	7	7
1994	6 p.m.	12/23-12/26	78	Sun	9	8
1995	6 p.m.	12/22-12/25	78	Mon	4	4
1996	6 p.m.	12/24-12/25	30	Wed	3	3
1997	6 p.m.	12/24-12/28	102	Thur	13	10
1998	6 p.m.	12/24-12/27	78	Fri	8	8
1999	6 p.m.	12/23-12/26	78	Sat	10	7
2000	6 p.m.	12/22-12/25	78	Mon	9	9
2001	6 p.m.	12/21-12/25	102	Tue	12	11
2002	6 p.m.	12/24-12/25	30	Wed	2	2
<b>New Years</b>						
1993	6 p.m.	12/30/93-01/02/94	78	Sat	2	2
1994	6 p.m.	12/30/94-01/02/95	78	Sun	5	3
1995	6 p.m.	12/29/95-01/01/96	78	Mon	6	5
1996	6 p.m.	12/31/96-01/01/97	30	Wed	3	3
1997	6 p.m.	12/31/97-01/04/98	102	Thur	14	12
1998	6 p.m.	12/31/98-01/03/99	78	Fri	8	8
1999	6 p.m.	12/30/99-01/02/00	78	Sat	13	13
2000	6 p.m.	12/29/00-01/01/01	78	Mon	15	11
2001	6 p.m.	12/28/01-01/01/02	102	Tue	10	9
2002	6 p.m.	12/31/02-01/01/03	30	Wed	4	4

# TRAFFIC FATALITY CALENDAR

	JANUARY						
	SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4	5
			1	3	0	2	2
	6	7	8	9	10	11	12
	5	1	1	0	4	2	6
	13	14	15	16	17	18	19
	2	0	2	2	6	0	5
	20	21	22	23	24	25	26
	4	1	2	2	3	4	4
	27	28	29	30	31		
	2	2	1	1	1		
Total	13	4	7	8	14	8	17

Monthly Total 71

	FEBRUARY						
	SUN	MON	TUE	WED	THU	FRI	SAT
						1	2
						2	1
	3	4	5	6	7	8	9
	3	4	3	3	2	3	5
	10	11	12	13	14	15	16
	2	3	2	4	2	3	3
	17	18	19	20	21	22	23
	5	1	1	3	2	1	3
	24	25	26	27	28		
	1	1	3	0	1		
Total	11	9	9	10	7	9	12

Monthly Total 67

	MARCH						
	SUN	MON	TUE	WED	THU	FRI	SAT
						1	2
						5	9
	3	4	5	6	7	8	9
	8	0	4	3	5	1	1
	10	11	12	13	14	15	16
	1	0	3	3	4	1	2
	17	18	19	20	21	22	23
	3	0	0	0	2	4	4
	24	25	26	27	28	29	30
	2	11	0	1	3	3	6
	31						
	2						
Total	16	11	7	7	14	14	22

Monthly Total 91

APRIL							
SUN	MON	TUE	WED	THU	FRI	SAT	
	1	2	3	4	5	6	
	2	0	4	3	8	4	
7	8	9	10	11	12	13	
3	1	4	2	0	1	7	
14	15	16	17	18	19	20	
3	5	6	5	4	1	4	
21	22	23	24	25	26	27	
5	3	1	1	1	6	1	
28	29	30					
6	1	0					
Total	17	12	11	12	8	16	16

Monthly Total 92

	MAY						
	SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3	4
				2	1	0	6
	5	6	7	8	9	10	11
	5	3	1	2	1	2	2
	12	13	14	15	16	17	18
	2	3	5	4	6	2	5
	19	20	21	22	23	24	25
	1	1	1	3	6	5	3
	26	27	28	29	30	31	
	5	1	1	7	5	2	
Total	13	8	8	18	19	11	16

Monthly Total 93

JUNE							
SUN	MON	TUE	WED	THU	FRI	SAT	
							1
							6
2	3	4	5	6	7	8	
5	4	4	3	3	0	2	
9	10	11	12	13	14	15	
9	4	1	0	3	4	4	
16	17	18	19	20	21	22	
2	0	2	4	1	3	6	
23	24	25	26	27	28	29	
3	1	2	4	2	6	9	
30							
5							
Total	24	9	9	11	9	13	27

Monthly Total 102

# TRAFFIC FATALITY CALENDAR

	JULY						
	SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5	6
		3	0	3	4	5	5
	7	8	9	10	11	12	13
	7	5	0	6	6	2	5
	14	15	16	17	18	19	20
	1	3	3	5	3	4	5
	21	22	23	24	25	26	27
	5	0	1	0	1	4	2
	28	29	30	31			
	2	3	2	3			
Total	15	14	6	17	14	15	17

Monthly Total 98

	AUGUST						
	SUN	MON	TUE	WED	THU	FRI	
					1	2	3
					1	3	5
	4	5	6	7	8	9	10
	1	2	3	1	3	2	0
	11	12	13	14	15	16	17
	0	1	1	7	2	5	7
	18	19	20	21	22	23	24
	5	3	2	1	3	4	2
25	26	27	28	29	30	31	
4	4	4	1	3	1	5	
Total	10	10	10	10	12	15	19

Monthly Total 86

	SEPTEMBER						
	SUN	MON	TUE	WED	THU	FRI	SAT
	1 3	2 2	3 2	4 2	5 6	6 3	7 3
	8 3	9 3	10 1	11 4	12 2	13 4	14 2
	15 3	16 1	17 2	18 2	19 1	20 5	21 2
	22 2	23 3	24 3	25 1	26 2	27 5	28 3
	29 4	30 2					
Total	15	11	8	9	11	17	10

Monthly Total 81

	OCTOBER						
	SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4	5
			2	2	1	6	6
	6	7	8	9	10	11	12
	2	1	0	1	5	4	6
	13	14	15	16	17	18	19
	1	1	4	1	6	2	4
	20	21	22	23	24	25	26
	2	1	2	5	2	0	2
27	28	29	30	31			
3	2	1	3	3			
Total	8	5	9	12	17	12	18

Monthly Total 81

	NOVEMBER						
	SUN	MON	TUE	WED	THU	FRI	SAT
						1	2
						4	2
	3	4	5	6	7	8	9
	0	3	2	0	4	3	5
	10	11	12	13	14	15	16
	1	1	4	7	4	1	6
	17	18	19	20	21	22	23
	3	5	2	1	3	2	9
	24	25	26	27	28	29	30
	3	2	2	0	2	2	5
Total	7	11	10	8	13	12	27

Monthly Total 88

	DECEMBER						
	SUN	MON	TUE	WED	THU	FRI	SAT
	<div>1</div>	<div>2</div>	<div>3</div>	<div>4</div>	<div>5</div>	<div>6</div>	<div>7</div>
	<div>1</div>	<div>5</div>	<div>3</div>	<div>4</div>	<div>0</div>	<div>2</div>	<div>3</div>
	<div>8</div>	<div>9</div>	<div>10</div>	<div>11</div>	<div>12</div>	<div>13</div>	<div>14</div>
	<div>1</div>	<div>4</div>	<div>4</div>	<div>1</div>	<div>5</div>	<div>10</div>	<div>3</div>
	<div>15</div>	<div>16</div>	<div>17</div>	<div>18</div>	<div>19</div>	<div>20</div>	<div>21</div>
	<div>3</div>	<div>1</div>	<div>3</div>	<div>6</div>	<div>3</div>	<div>4</div>	<div>6</div>
	<div>22</div>	<div>23</div>	<div>24</div>	<div>25</div>	<div>26</div>	<div>27</div>	<div>28</div>
	<div>3</div>	<div>4</div>	<div>0</div>	<div>2</div>	<div>6</div>	<div>2</div>	<div>5</div>
<div>29</div>	<div>30</div>	<div>31</div>					
<div>2</div>	<div>2</div>	<div>5</div>					
Total	10	16	15	13	14	18	17

Monthly Total 103

# C. Location

No area of South Carolina was immune from traffic collisions in 2002. Every county experienced the tragedy of at least one fatal traffic collision during the year. Nine of the state's 46 counties had at least 40 traffic fatalities during 2002. A variety of factors influence where traffic collisions, injuries and fatalities occur including the volume of traffic on a particular highway, weather variations and travel patterns. Statistics are presented on the following pages, which indicate observable differences in the occurrence of traffic collisions with relation to various location categories. Some important observations in the data are as follows.

- ◆ In 2002, Charleston County had the most total traffic collisions (11,957), injury collisions (3,782) and non-fatal injuries (5,692). Greenville County had the most fatal collisions (68) and the most property damage only collisions (8,471). Greenville also had the most fatalities (75).
- ◆ A total of 60,765 collisions were investigated by the South Carolina Highway Patrol. This represents 56.1% of all traffic collisions in South Carolina for 2002. The Highway Patrol investigated an even greater proportion of the fatal crashes – 86.1%.
- ◆ In 2002, Secondary and US Primary routes had the most traffic collisions. Respectively, they had 32.2% and 28.3% of the reported total. SC Primary routes were next, accounting for 21.8% of the total collisions.
- ◆ The Secondary routes accounted for the largest percentage (39.4%) of fatal collisions. The 374 fatal collisions that occurred on Secondary routes represent more than four times the number of fatal collisions (92) reported on South Carolina's Interstates.
- ◆ A total of 9,888 collisions occurred on the interstates. This was about 9% of the total reported traffic collisions for the year.



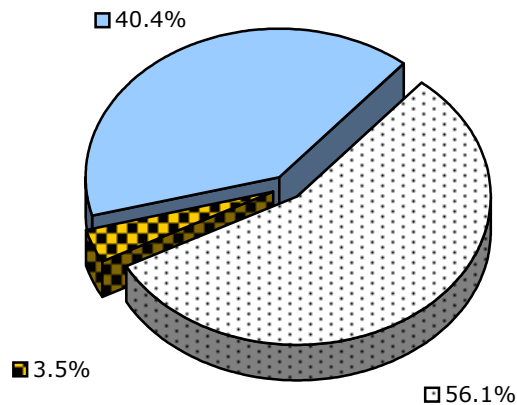
## COLLISIONS INVESTIGATED BY AGENCY TYPE

AGENCY TYPE	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
SOUTH CAROLINA HIGHWAY PATROL	817	17,633	42,315	60,765	909	28,111
SHERIFF'S DEPARTMENT	27	1,317	2,454	3,798	31	2,133
CITY/COUNTY POLICE/OTHER POLICE**	105	13,477	30,135	43,717	113	21,851
<b>TOTALS</b>	<b>949</b>	<b>32,427</b>	<b>74,904</b>	<b>108,280</b>	<b>1,053</b>	<b>52,095</b>

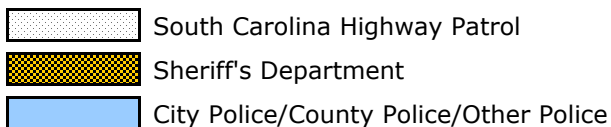
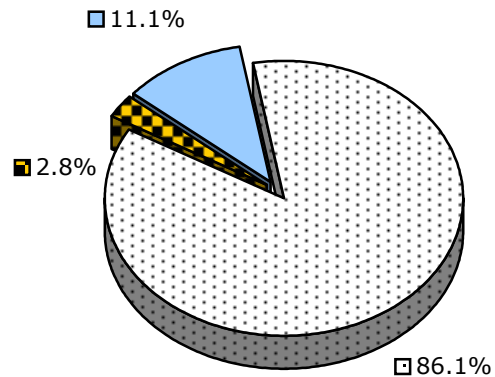
\* Property Damage Only

\*\*Includes Federal or Military Police, Public Utility/Service Commissions, Other Police Agencies, Non-Law Enforcement Agencies, and Agencies Not Stated

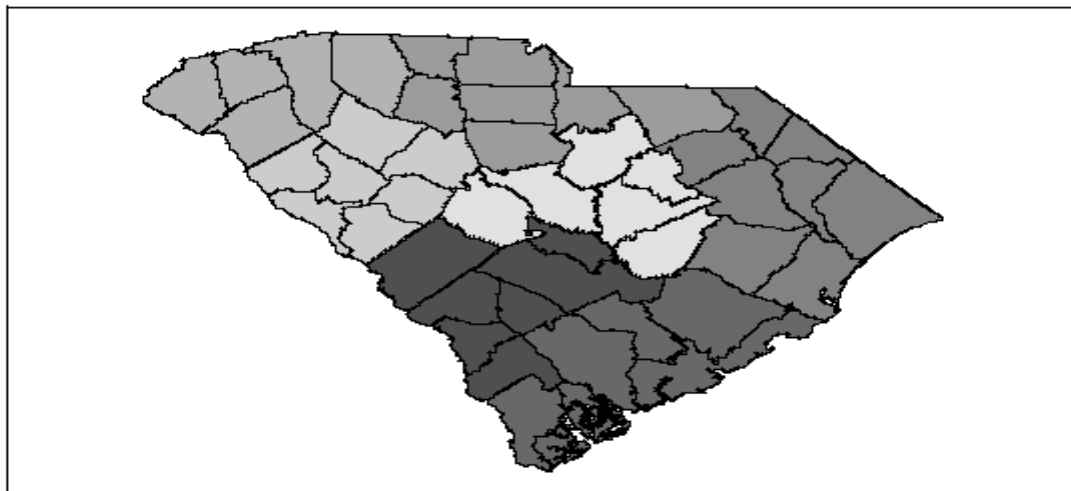
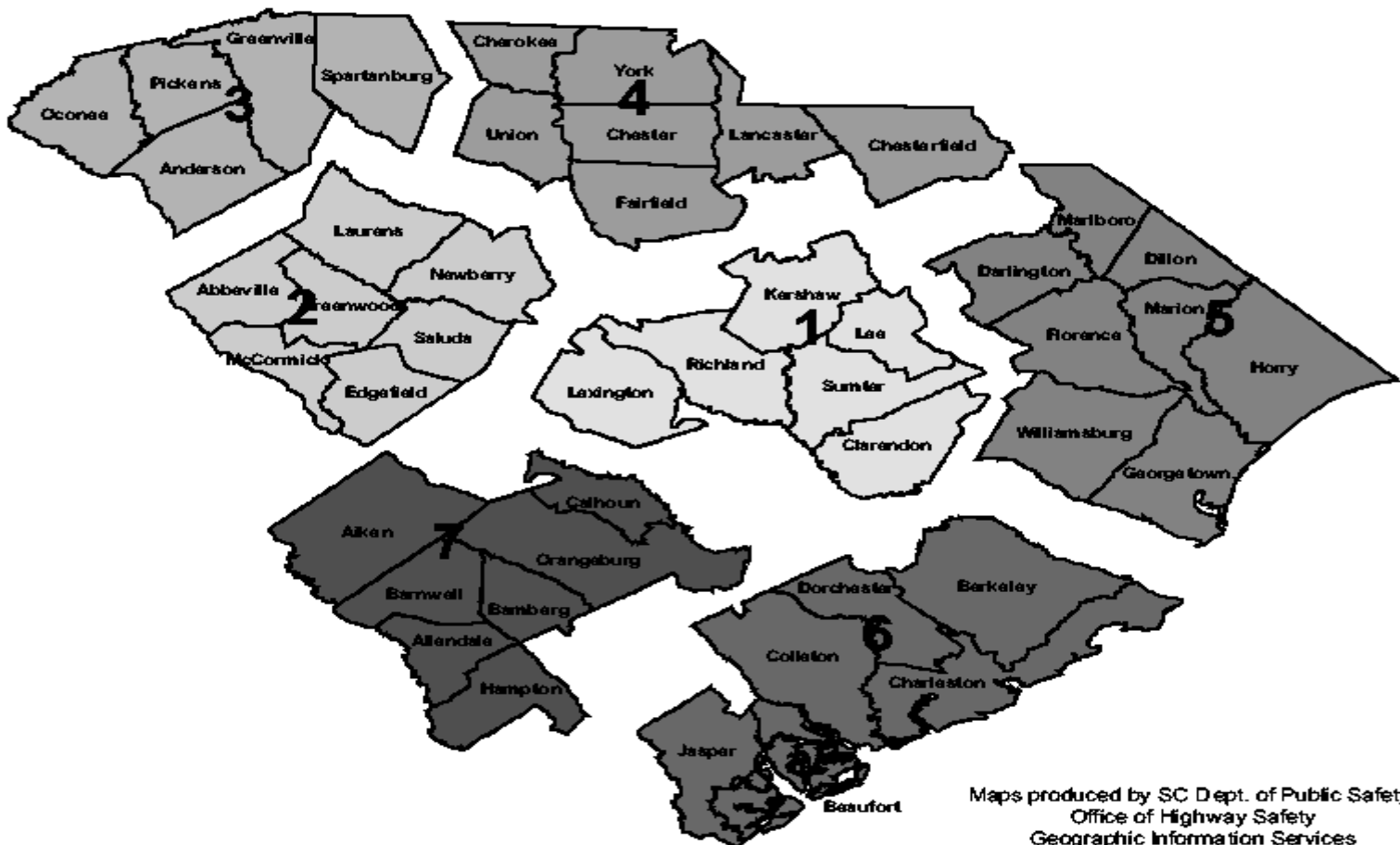
**Total Collisions Investigated**



**Fatal Collisions Investigated**

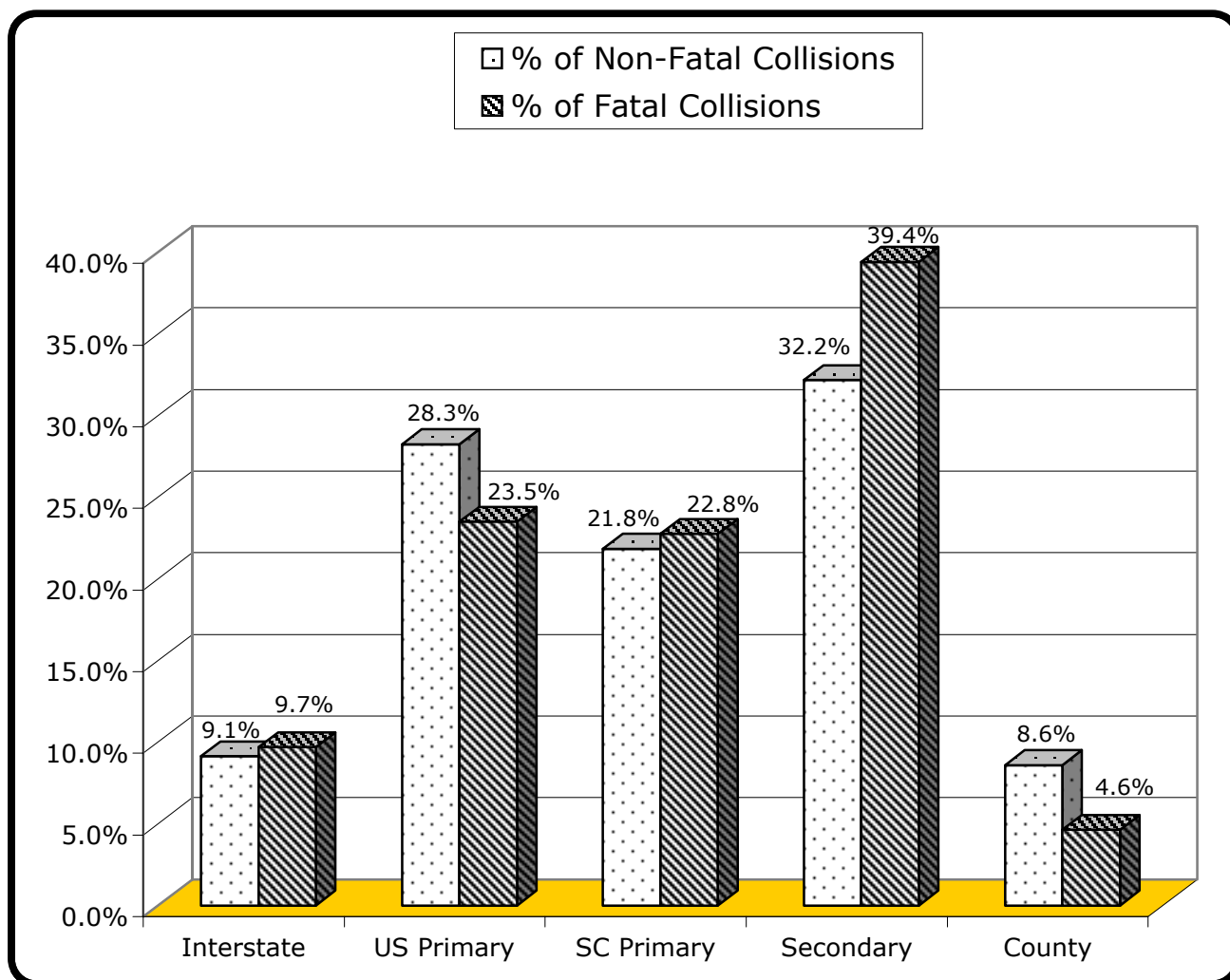


# HIGHWAY PATROL TROOPS





## NON FATAL VS. FATAL COLLISIONS



There were 34,846 traffic collisions reported on Secondary routes during 2002. This was the most for the five route category classifications and accounted for 32.2% of all reported collisions. US Primary routes were a close second, accounting for 30,590 of the reported collision total. The fewest reported collisions were on County routes; a total of 9,300 were reported for these routes.

Secondary routes had the most fatal collisions by a wide margin. The 374 fatal collisions occurring on the Secondary route system accounted for 39.4% of the 949 fatal collisions reported in 2002. On the US Primary and SC Primary routes there were 223 and 216 (respectively) fatal collisions reported for the year. The fewest number of fatal collisions occurred on the County routes with 44 (4.6%). A total of 92 (9.7%) fatal collisions were reported for the Interstate routes.

**TRAFFIC COLLISIONS BY FIRST HARMFUL EVENT LOCATION**

<b>FIRST HARMFUL EVENT LOCATION</b>	<b>COLLISION TYPE</b>				<b>PERSONS</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
Gore	3	75	142	220	3	121
Island	1	82	201	284	1	136
Median	27	480	1,596	2,103	32	722
Roadside	156	2,808	4,748	7,712	165	3,803
Roadway	521	24,477	60,563	85,561	597	41,016
Shoulder	118	1,769	2,917	4,804	128	2,420
Sidewalk	1	96	141	238	1	121
Outside Trafficway	119	1,844	2,910	4,873	123	2,449
Unknown	3	796	1,686	2,485	3	1,307
<b>YEAR TOTALS</b>	<b>949</b>	<b>32,427</b>	<b>74,904</b>	<b>108,280</b>	<b>1,053</b>	<b>52,095</b>

\*Property Damage Only

## TRAFFIC COLLISIONS ON INTERSTATES

ROUTE	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
I-20	13	340	1,067	1,420	14	543
I-26	21	676	2,385	3,082	24	1,015
I-77	7	214	665	886	7	329
I-85	11	310	1,421	1,742	12	488
I-95	37	349	1,133	1,519	50	637
I-126	0	15	62	77	0	20
I-185	1	6	13	20	1	12
I-385	1	113	527	641	1	149
I-526	1	154	316	471	1	214
I-585	0	4	26	30	0	4
<b>TOTALS</b>	<b>92</b>	<b>2,181</b>	<b>7,615</b>	<b>9,888</b>	<b>110</b>	<b>3,411</b>

\*Property Damage Only

## INTERSTATE COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	5	210	711	926	6	319
February	6	138	421	565	7	200
March	6	188	647	841	11	289
April	4	153	545	702	8	215
May	10	185	598	793	11	291
June	12	174	546	732	12	287
July	9	207	616	832	12	344
August	9	220	715	944	9	343
September	6	185	671	862	6	280
October	10	158	710	878	13	241
November	7	160	649	816	7	276
December	8	203	786	997	8	326
<b>TOTALS</b>	<b>92</b>	<b>2,181</b>	<b>7,615</b>	<b>9,888</b>	<b>110</b>	<b>3,411</b>

\*Property Damage Only

# D. Environment

The environment in which motorists operate their vehicles can contribute to the occurrence of traffic crashes. Environment is defined herein as the combination of external or extrinsic physical conditions that affect and influence the operation of a motor vehicle. These include road surface, weather, light conditions, traffic control, road character, trafficway, junction type, and work zone type for each driver.

One or more of the environmental factors can be the primary cause of a collision or may be a contributing factor in a given crash. Weather, light, and surface conditions are substantially beyond the control of engineering or law enforcement efforts. Changes in traffic controls, road character, trafficway, junction type, and work zone type factors can all be effected by traffic engineering efforts.

As reflected in the statistics on the next two pages, most collisions occur under favorable environmental conditions: dry roadway (79.7%); clear weather (73.3%); daylight (70.5%); no traffic control device (64.2%); straight-level road (76.9%); and no junction (57.3%).

For fatal collisions, the percentages of collisions which occurred under the most favorable surface and weather conditions were about the same or even higher for most environmental factors. The largest difference is seen in light conditions, where 52.6% of fatal collisions did not occur during daylight hours. The percentage of fatal collisions occurring under the most favorable environmental conditions are as follows: dry roadway (84.1%); clear weather (75.0%); daylight (47.4%); no traffic control (77.3%); and straight-level roadway (57.1%).

Environmental factors were the primary contributing factor in only 5.2% of all collisions in 2002. The environment may have been a contributing factor to collisions where it was not the primary contributing factor. Efforts to improve those environmental factors which can be controlled (especially traffic control and road character) should help to reduce the frequency of traffic crashes in South Carolina.

## ROAD SURFACE CONDITIONS

ROAD SURFACE CONDITIONS	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Dry	798	26,305	59,162	86,265	882	42,366
Wet	138	5,509	13,952	19,599	155	8,813
Icy	7	274	796	1,077	9	407
Slushy	1	39	101	141	1	57
Snowy	1	128	412	541	1	211
Muddy	0	9	11	20	0	12
Water (standing)	2	67	197	266	3	92
Other	1	48	86	135	1	72
Unknown	1	48	187	236	1	65
<b>TOTALS</b>	<b>949</b>	<b>32,427</b>	<b>74,904</b>	<b>108,280</b>	<b>1,053</b>	<b>52,095</b>

\*Property Damage Only

## WEATHER CONDITIONS

WEATHER CONDITIONS	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Clear/No Adverse Conditions	712	24,236	54,521	79,469	785	38,899
Rain	98	4,233	10,948	15,279	107	6,766
Cloudy	121	3,364	7,866	11,351	135	5,523
Sleet or Hail	2	75	219	296	3	98
Snow	1	218	675	894	1	350
Fog, Smog, Smoke	14	251	477	742	21	385
Blowing Sand, Soil, Dirt, or Snow	0	7	29	36	0	13
Severe Cross Winds, High Wind	0	9	16	25	0	10
Unknown	1	34	153	188	1	51
<b>TOTALS</b>	<b>949</b>	<b>32,427</b>	<b>74,904</b>	<b>108,280</b>	<b>1,053</b>	<b>52,095</b>

\*Property Damage Only



## LIGHT CONDITIONS

LIGHT CONDITIONS	COLLISION TYPE				PERSONS	
	Fatal	Injury	POD*	Total	Killed	Injured
Daylight	450	22,262	53,659	76,371	502	36,212
Dawn	20	485	1,253	1,758	20	724
Dusk	25	827	1,705	2,557	29	1,337
Dark (Lighting Unspecified)	43	940	2,164	3,147	48	1,483
Dark (Street Lamp Lit)	72	3,102	5,852	9,026	78	5,022
Dark (Street Lamp Not Lit)	13	250	474	737	13	393
Dark (No Lights)	326	4,561	9,797	14,684	363	6,924
<b>TOTALS</b>	<b>949</b>	<b>32,427</b>	<b>74,904</b>	<b>108,280</b>	<b>1,053</b>	<b>52,095</b>

\*Property Damage Only

## TRAFFIC CONTROLS

TRAFFIC CONTROLS	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Stop Sign	97	4,440	8,772	13,309	111	8,080
Stop and Go Signal	40	5,839	12,142	18,021	44	9,790
Yield Sign	4	358	1,209	1,571	5	556
Officer / Flagman	1	77	125	203	1	119
RR Crossing Gates / Lights	0	28	61	89	0	46
RR Lights	4	139	224	367	4	289
None	734	19,992	48,748	69,474	804	30,749
Other Signs	25	425	698	1,148	32	628
RR Crossbucks	2	13	20	35	3	17
Flashing Traffic Signal	2	28	39	69	2	50
On Coming Emergency Veh	0	14	23	37	0	19
School Zone Sign	0	25	45	70	0	44
Work Zone	1	123	389	513	1	187
Pavement Markings (Only)	35	717	1,890	2,642	42	1,146
Flashing Beacon	1	21	27	49	1	52
Unknown	3	188	492	683	3	323
<b>TOTALS</b>	<b>949</b>	<b>32,427</b>	<b>74,904</b>	<b>108,280</b>	<b>1,053</b>	<b>52,095</b>

\*Property Damage Only

## ROAD CHARACTER

ROAD CHARACTER	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Straight - Level	542	24,361	58,341	83,244	608	39,659
Straight - On Grade	119	3,667	9,069	12,855	136	5,911
Straight - Hillcrest	30	731	1,593	2,354	30	1,185
Curve - Level	162	2,303	3,598	6,063	176	3,359
Curve - On Grade	85	1,222	2,097	3,404	92	1,778
Curve - Hillcrest	11	143	206	360	11	203
<b>TOTALS</b>	<b>949</b>	<b>32,427</b>	<b>74,904</b>	<b>108,280</b>	<b>1,053</b>	<b>52,095</b>

\*Property Damage Only

## TRAFFICWAY

TRAFFICWAY	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Two-Way, Not Divided	664	19,685	42,384	62,733	734	31,605
Two-Way, Divided, Unprotected Median	218	8,973	21,546	30,737	241	14,613
Two-Way, Divided, Barrier	48	2,240	6,858	9,146	54	3,500
One-Way	7	786	2,294	3,087	9	1,140
Other	12	743	1,822	2,577	15	1,237
<b>TOTALS</b>	<b>949</b>	<b>32,427</b>	<b>74,904</b>	<b>108,280</b>	<b>1,053</b>	<b>52,095</b>

\*Property Damage Only

## JUNCTION TYPE

JUNCTION TYPE	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Cross-Over	20	803	1,555	2,378	22	1,377
Driveway	25	1,741	4,345	6,111	26	2,831
Five/More Points	3	171	409	583	4	277
Four-Way Intersection	93	6,540	12,133	18,766	105	11,745
Railway Grade Crossing	4	73	133	210	4	123
Shared Use Paths/Trails	2	71	142	215	3	100
T-Intersection	71	4,639	10,457	15,167	79	7,815
Traffic Circle	1	56	154	211	1	80
Y-Intersection	6	456	1,019	1,481	6	774
Non-Junction	719	17,531	43,791	62,041	798	26,416
Unknown	5	346	766	1,117	5	557
<b>TOTALS</b>	<b>949</b>	<b>32,427</b>	<b>74,904</b>	<b>108,280</b>	<b>1,053</b>	<b>52,095</b>

\*Property Damage Only

## WORK ZONE TYPE

WORK ZONE TYPE	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Shoulder/Median Work	10	369	993	1,372	10	607
Lane Shift/Cross-over	0	70	205	275	0	119
Intermittent/Moving Work	0	87	222	309	0	132
Lane Closure	1	66	197	264	1	102
Other	0	94	225	319	0	139
<b>TOTALS</b>	<b>11</b>	<b>686</b>	<b>1,842</b>	<b>2,539</b>	<b>11</b>	<b>1,099</b>

\*Property Damage Only

# E. Units

The consequences of traffic collisions are affected by the types of 'units' that are involved. A collision between a relatively large unit, such as a truck or train, and a smaller unit, such as a motorcycle, transmit a substantially greater force to the smaller vehicle, and hence to its occupants or riders, than a collision between two vehicles of comparable size. This irrefutable law of physics probably accounts for the over representation of certain 'unit types' in traffic collisions. Some of the key findings in the 2002 data are as follows:

- ♦ The most common unit involved in traffic crashes in 2002 was the automobile. Out of 200,700 units involved in traffic collisions during the year, 120,494 were automobiles. This represents 60.0% of the total units.
- ♦ For fatal collisions, a much smaller percentage of units were automobiles. Of the 1,522 units involved in fatal collisions, 696 or 45.7% were automobiles.
- ♦ A total of 95 pedestrians were involved in fatal collisions in 2002. This represents 9.7% of all pedestrians involved in traffic crashes during the year, a proportion more than 16 times greater than for automobiles.
- ♦ Five railway trains were involved in traffic crashes resulting in fatalities. These represent 8.3% of the 60 trains involved in crashes during 2002, a percentage 13.5 times greater than for automobiles.
- ♦ Eighty-nine motorcycles were involved in fatal crashes in 2002. This represents 5.5% of all motorcycles involved in crashes, more than 9 times the rate for automobiles.
- ♦ A total of 79 truck tractors were involved in fatal collisions in 2002. This represents 1.8% of the truck tractors involved in crashes during the year, three times the rate for automobiles.
- ♦ In 2002, there were 79 truck tractors involved in fatal collisions versus the 77 in 2001. This is a reversal of the downward trend that has been seen on truck tractor involvement in fatal crashes.

## MOTOR VEHICLE REGISTRATIONS BY COUNTY

COUNTY	2001		2002	
	Registrations	Percent	Registrations	Percent
Abbeville	21,812	0.7	22,847	0.7
Aiken	117,028	3.6	121,878	3.7
Allendale	6,721	0.2	6,872	0.2
Anderson	143,922	4.5	146,849	4.5
Bamberg	11,831	0.4	12,109	0.4
Barnwell	18,240	0.6	18,459	0.6
Beaufort	94,554	2.9	98,067	3.0
Berkeley	108,197	3.4	110,897	3.4
Calhoun	15,041	0.5	15,571	0.5
Charleston	226,971	7.1	225,098	6.9
Cherokee	44,366	1.4	44,829	1.4
Chester	28,011	0.9	28,681	0.9
Chesterfield	35,644	1.1	36,564	1.1
Clarendon	23,649	0.7	24,289	0.7
Colleton	30,509	1.0	31,356	1.0
Darlington	52,547	1.6	53,275	1.6
Dillon	22,335	0.7	22,651	0.7
Dorchester	74,663	2.3	77,107	2.4
Edgefield	18,763	0.6	19,146	0.6
Fairfield	19,845	0.6	19,970	0.6
Florence	100,452	3.1	101,712	3.1
Georgetown	44,922	1.4	46,147	1.4
Greenville	312,465	9.7	315,775	9.6
Greenwood	52,817	1.6	53,536	1.6
Hampton	14,630	0.5	14,596	0.4
Horry	166,276	5.2	172,059	5.3
Jasper	14,402	0.4	14,807	0.5
Kershaw	47,173	1.5	48,480	1.5
Lancaster	51,823	1.6	53,461	1.6
Laurens	55,872	1.7	56,291	1.7
Lee	13,268	0.4	13,400	0.4
Lexington	189,616	5.9	190,655	5.8
McCormick	8,201	0.3	8,473	0.3
Marion	24,335	0.8	24,569	0.7
Marlboro	20,010	0.6	20,526	0.6
Newberry	31,678	1.0	32,542	1.0
Oconee	62,552	1.9	64,294	2.0
Orangeburg	68,510	2.1	69,614	2.1
Pickens	90,029	2.8	91,422	2.8
Richland	227,813	7.1	236,344	7.2
Saluda	16,509	0.5	17,033	0.5
Spartanburg	213,071	6.6	217,753	6.6
Sumter	77,431	2.4	79,552	2.4
Union	25,281	0.8	25,136	0.8
Williamsburg	26,747	0.8	27,143	0.8
York	140,045	4.4	144,887	4.4
<b>STATE TOTALS</b>	<b>3,210,578</b>	<b>100.0</b>	<b>3,276,722</b>	<b>100.0</b>

**UNIT TYPES INVOLVED IN TRAFFIC COLLISIONS**

UNIT TYPE	COLLISION TYPE			TOTAL
	Fatal	Injury	PDO*	
Automobile**	696	36,590	83,208	120,494
Pickup Truck**	266	9,492	24,128	33,886
Truck Tractor**	79	1,070	3,173	4,322
Other Truck**	25	710	2,206	2,941
Full Size Van**	24	1,137	2,719	3,880
Minivan**	50	2,554	6,111	8,715
SUV**	146	5,863	14,839	20,848
Motorcycle**	89	1,208	321	1,618
Motor Bike	4	134	24	162
Pedalcycle	16	482	31	529
Animal Drawn Vehicle	0	1	3	4
Animal (Ridden)	0	1	1	2
Pedestrian	95	856	32	983
Train	5	24	31	60
School Bus**	4	123	232	359
Passenger Bus**	1	62	157	220
Other***	12	225	404	641
Unknown (Hit and Run Only)**	10	227	799	1,036
<b>TOTALS</b>	<b>1,522</b>	<b>60,759</b>	<b>138,419</b>	<b>200,700</b>

A motor vehicle traffic collision is defined by the National Safety Council (NSC) as one in which: (1) the unstable situation originates on a trafficway or (2) a harmful event occurs on a trafficway. Using the NSC definition, each of the unit types listed above was involved in a collision which involved at least one motor vehicle. Units considered as motor vehicles are denoted with (\*\*). Units denoted by three asterisks, (\*\*\*) may or may not be a motor vehicle, depending on the means by which they were propelled. For units not considered motor vehicles, the collision included at least one other unit which was a motor vehicle.

**VEHICLE USE IN TRAFFIC COLLISIONS**

VEHICLE USE	COLLISION TYPE			TOTAL
	Fatal	Injury	PDO*	
Personal	1,260	55,878	127,903	185,041
Driver Training	0	12	45	57
Construction/Maintenance	42	1,144	2,910	4,096
Ambulance	2	43	83	128
Military	0	9	33	42
Transport Passengers	12	450	902	1,364
Transport Property	79	1,373	3,934	5,386
Farm Use	5	70	175	250
Wrecker or Tow	1	48	199	248
Police	11	274	639	924
Government	1	140	423	564
Fire Fighting	1	36	76	113
Logging Truck	6	81	170	257
Pedestrian	90	825	35	950
Other	12	375	888	1,275
Unknown	0	1	4	5
<b>TOTALS</b>	<b>1,522</b>	<b>60,759</b>	<b>138,419</b>	<b>200,700</b>

\*Property Damage Only

## UNITS INVOLVED IN TRAFFIC COLLISIONS BY MOST HARMFUL EVENT

MOST HARMFUL EVENT (MHE)	COLLISION TYPE			TOTAL
	Fatal	Injury	PDO*	
Overturn/Rollover	137	2,210	1,955	4,302
Fire/Explosion	19	32	60	111
Immersion	1	28	66	95
Cargo/Equip. Loss or Shift	0	38	219	257
Cross Median / Center Line	1	107	193	301
Spill (2-wheel vehicle in single vehicle crash)	9	159	31	199
Jack-Knifed	1	8	71	80
Downhill Runaway	1	9	15	25
Run off Road Left	4	184	300	488
Run Off Road Right	1	316	508	825
Separation of Units	0	16	50	66
Equipment Failure	1	30	109	140
Unknown Non-Collision	2	163	342	507
Other Non-Collision	10	384	682	1,076
<b>NON-COLLISION SUBTOTAL</b>	<b>187</b>	<b>3,684</b>	<b>4,601</b>	<b>8,472</b>
Pedestrian	95	832	42	969
Other Object Not Fixed	5	109	493	607
Parked Vehicle	12	364	1,694	2,070
Stopped Vehicle	31	6,801	17,017	23,849
Vehicle In Transport	830	42,069	99,116	142,015
Vehicle in Transport In Other Roadway	8	374	625	1,007
Railway Train	4	24	23	51
Pedalcyclist	15	438	32	485
Work Zone Maint. Equipment	0	17	26	43
Unknown Movable Objects	0	15	54	69
Animal (Deer Only)	2	233	3,165	3,400
Animal (All Other)	1	97	379	477
<b>OBJECT NOT FIXED SUBTOTAL</b>	<b>1,003</b>	<b>51,373</b>	<b>122,666</b>	<b>175,042</b>
Highway Guardrail End	4	65	153	222
Highway Guardrail Face	2	162	592	756
Crash Cushion	0	6	39	45
Utility Pole	26	553	732	1,311
Light Standard	0	15	43	58
Tree	199	1,997	2,609	4,805
Embankment	12	397	609	1,018
Equipment	0	14	30	44
Overhead Sign Support	1	9	11	21
Highway Sign Post	1	56	314	371
Fence	1	122	541	664
Other (Post, Pole, Support, Etc.)	15	127	312	454
Work Zone Maint. Equipment	0	7	8	15
Culvert Headwall	15	168	212	395
Curb	1	94	185	280
Other (Wall, Building, Tunnel, etc.)	8	146	276	430
Median Barrier	1	208	1,039	1,248
Ditch	35	1,179	2,369	3,583
Bridge Overhead Structure/Underpass	0	8	41	49
Other Fixed Object	1	153	490	644
Unknown	0	55	131	186
Mailbox	1	51	178	230
Bridge/Pier/Abutment	4	21	29	54
Bridge Parapet End	0	10	15	25
Bridge Rail	5	79	194	278
<b>FIXED OBJECT SUBTOTAL</b>	<b>332</b>	<b>5,702</b>	<b>11,152</b>	<b>17,186</b>
<b>YEAR TOTALS</b>	<b>1,522</b>	<b>60,759</b>	<b>138,419</b>	<b>200,700</b>

\*Property Damage Only

## UNIT ACTION PRIOR TO IMPACT IN ALL TRAFFIC COLLISIONS

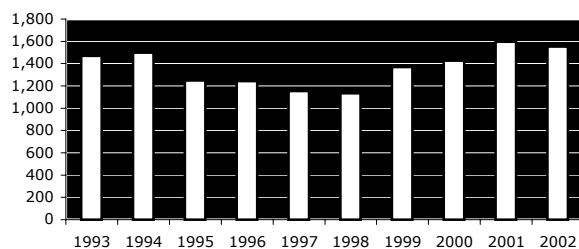
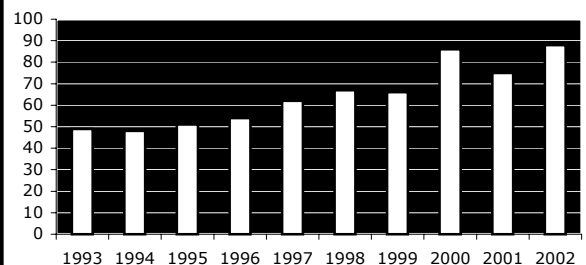
MANEUVER	NUMBER	%
<b>VEHICLE</b>		
Backing	3,182	1.6
Changing Lanes	5,387	2.7
Entering Traffic Lane	7,508	3.7
Leaving Traffic Lane	1,936	1.0
Making U Turn	643	0.3
Movement Essentially Straight Ahead	110,510	55.1
Overtaking/Passing	1,977	1.0
Parked	3,070	1.5
Slowing or Stopped In Traffic	39,738	19.8
Turning Left	18,719	9.3
Turning Right	4,711	2.3
<b>VEHICLE SUBTOTAL</b>	<b>197,381</b>	<b>98.3</b>
<b>NON-MOTORIST</b>		
Approaching /Leaving Vehicle	41	0.0
Entering/Crossing Location	280	0.1
Playing/Working on Vehicle	27	0.0
Pushing Vehicle	12	0.0
Standing	124	0.1
Walking/Playing/Cycling	676	0.3
Working	22	0.0
<b>NON-MOTORIST SUBTOTAL</b>	<b>1,182</b>	<b>0.6</b>
Other	582	0.3
Unknown	1,555	0.8
<b>TOTAL UNITS</b>	<b>200,700</b>	<b>100.0</b>

By far the most frequent action prior to impact for units involved in traffic collisions in 2002 was "Movement Essentially Straight Ahead," with 55.1% of the total units. The next action, "Slowing or Stopped" in traffic accounted for 19.8% of the units. The third, fourth and fifth actions involved units which were "Turning Left" (9.3%) followed by "Entering Traffic Lane" (3.7%) and "Changing Lanes" (2.7%). Combined the top five categories accounted for more than 90% of all units involved in traffic collisions.



**MOTORCYCLE STATISTICS**

YEAR	TOTAL COLLISIONS	FATAL COLLISIONS	PERSONS KILLED	PERSONAL INJURY COLLISIONS	PERSONS INJURED	PROPERTY DAMAGE COLLISIONS	MOTORCYCLE REGISTRATIONS	REGISTRATION FATALITY RATE <sup>1</sup>	REGISTRATION COLLISION RATE <sup>2</sup>
*1968	280	9	9	194	230	77	12,143	7.4	2.3
1969	272	8	9	191	231	73	12,924	7.0	2.1
1970	607	15	15	348	433	244	15,633	9.6	3.9
1971	907	22	23	506	599	379	17,870	12.9	5.1
1972	1,233	37	39	684	814	501	22,515	17.3	5.5
*1973	1,958	49	50	1,046	1,232	863	33,268	15.0	5.9
1974	2,319	59	60	1,225	1,468	1,035	47,328	12.7	4.9
*1975	1,913	51	54	1,001	1,186	861	48,040	11.2	4.0
1976	1,835	47	47	947	1,171	814	45,686	10.3	4.0
1977	1,765	51	53	903	1,067	809	41,161	12.9	4.3
1978	1,561	38	38	849	1,011	673	35,280	10.8	4.4
1979	1,543	40	42	890	1,063	611	37,466	11.2	4.1
*1980	1,764	54	55	986	1,165	723	38,875	14.1	4.5
1981	1,934	45	46	1,107	1,315	781	42,257	10.9	4.6
1982	2,019	58	61	1,135	1,382	823	35,028	17.4	5.8
1983	2,091	74	81	1,110	1,368	905	36,130	22.4	5.8
1984	2,593	89	92	1,376	1,648	1,122	37,119	24.8	7.0
1985	2,432	83	87	1,361	1,636	988	37,366	23.3	6.5
1986	2,284	73	75	1,281	1,535	929	36,074	20.8	6.3
1987	1,908	54	56	1,081	1,282	771	32,710	17.1	5.8
1988	1,580	62	63	1,134	1,415	384	31,483	20.0	5.0
1989	1,359	44	46	900	1,130	415	29,965	15.4	4.5
1990	1,612	49	51	1,135	1,407	428	30,907	16.5	5.2
1991	1,318	45	48	896	1,093	377	29,226	16.4	4.5
1992	1,368	50	53	992	1,260	326	32,405	16.4	4.2
1993	1,470	48	49	1,047	1,306	375	32,348	15.1	4.5
1994	1,498	48	48	1,040	1,282	410	35,967	13.3	4.2
1995	1,249	49	51	869	1,089	331	34,381	14.8	3.6
1996	1,243	50	54	884	1,103	309	38,333	14.1	3.2
1997	1,153	60	62	870	1,085	223	37,398	16.6	3.1
1998	1,135	65	67	870	1,045	200	45,039	14.9	2.5
1999	1,369	64	66	1,050	1,294	255	47,557	13.9	2.9
2000	1,426	82	86	1,055	1,292	289	51,436	16.7	2.8
2001	1,595	74	75	1,265	1,588	256	56,457	13.9	2.9
2002	1,553	82	88	1,160	1,414	311	61,167	14.4	2.8

<sup>1</sup>Based on 10,000 cycle registrations<sup>2</sup>Based on 100 cycle registrations**MOTORCYCLE COLLISIONS  
1993-2002****MOTORCYCLE FATALITIES  
1993-2002**

\*1967-Safety Equipment Law enacted but not enforced

\*1968-Enforcement of Safety Equipment Law initiated

\*1973-Lights On Law effective July 1

\*1975-Implemented Classified License Law for motorcycles.

\*1980-Helmet and Goggles Law amended effective June 16, exempting cyclists 21 and older.

## **TRAFFIC COLLISIONS INVOLVING MOTORCYCLES**

### **COLLISIONS BY YEAR**

<b>YEAR</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
1998	65	870	200	1,135	67	1,045
1999	64	1,050	255	1,369	66	1,294
2000	82	1,055	289	1,426	86	1,292
2001	74	1,265	256	1,595	75	1,588
2002	82	1,160	311	1,553	88	1,414
<b>TOTALS</b>	<b>367</b>	<b>5,400</b>	<b>1,311</b>	<b>7,078</b>	<b>382</b>	<b>6,633</b>

\*Property Damage Only

### **COLLISIONS BY MONTH**

<b>MONTH</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
January	2	57	17	76	2	64
February	3	46	15	64	3	53
March	7	111	25	143	7	133
April	10	109	27	146	11	129
May	12	243	54	309	15	313
June	11	99	32	142	12	126
July	10	109	27	146	10	138
August	6	125	37	168	6	146
September	8	87	21	116	9	104
October	6	79	29	114	6	100
November	5	61	16	82	5	73
December	2	34	11	47	2	35
<b>TOTALS</b>	<b>82</b>	<b>1,160</b>	<b>311</b>	<b>1,553</b>	<b>88</b>	<b>1,414</b>

\*Property Damage Only

### **COLLISIONS BY LIGHT AND WEATHER CONDITIONS**

<b>LIGHT &amp; WEATHER</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
Day & Clear/Cloudy	33	719	202	954	34	873
Dark & Clear/Cloudy	46	409	94	549	51	504
Day & Rain	0	16	10	26	0	19
Dark & Rain	3	11	5	19	3	13
Day & Other Weather	0	1	0	1	0	1
Dark & Other Weather	0	4	0	4	0	4
<b>TOTALS</b>	<b>82</b>	<b>1,160</b>	<b>311</b>	<b>1,553</b>	<b>88</b>	<b>1,414</b>

\*Property Damage Only

\*\*Includes all persons in the collision not just motorcycle riders.

## TRAFFIC COLLISIONS INVOLVING MOTORCYCLES

### SEX OF MOTORCYCLISTS

SEX	CASUALTY TYPE			TOTALS
	Fatality	Non-Fatal Injury	Not Injured	
Male	79	1105	343	1,527
Female	7	221	39	267
Unknown	0	1	22	23
<b>TOTALS</b>	<b>86</b>	<b>1,327</b>	<b>404</b>	<b>1,817</b>

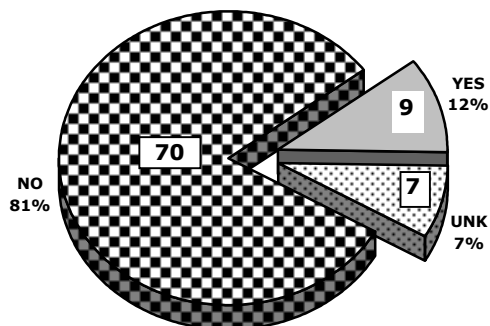
### AGE AND HELMET USAGE OF MOTORCYCLISTS

HELMET USAGE	CASUALTY TYPE			
	Fatality	Non-Fatal Injury	Not Injured	TOTALS
HELMET USED				
Under 15	0	7	5	12
15-20	1	41	13	55
21-24	0	31	9	40
25-34	2	55	10	67
35-44	4	63	16	83
45 and Over	2	73	13	88
Unknown	0	2	0	2
SUBTOTAL	9	272	66	347
HELMET NOT USED				
Under 15	1	11	3	15
15-20	4	62	15	81
21-24	8	107	30	145
25-34	19	250	75	344
35-44	23	262	77	362
45 and Over	15	204	61	280
Unknown	0	14	7	21
SUBTOTAL	70	910	268	1,248
UNKNOWN				
Under 15	0	0	0	0
15-20	0	12	4	16
21-24	0	19	8	27
25-34	3	37	14	54
35-44	1	28	11	40
45 and Over	3	47	13	63
Unknown	0	2	20	22
SUBTOTAL	7	145	70	222
TOTALS	86	1,327	404	1,817

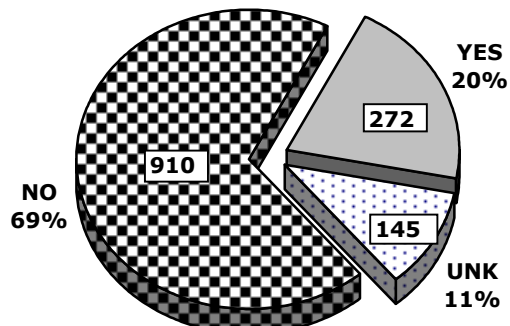
Out of 86 motorcycle riders killed in 2002, 79 were male, 55 were under age 35 and 70 were not wearing a helmet. Out of the 1,817 riders of motorcycles who were involved in traffic collisions, 347 were wearing a helmet, 1,248 were not, and for 222 riders, helmet usage was unknown. For those cyclists under 21 years of age, helmet usage is required by law. For this group, 1 fatality was wearing a helmet, and 5 fatalities were not.

## **MOTORCYCLE HELMET USAGE**

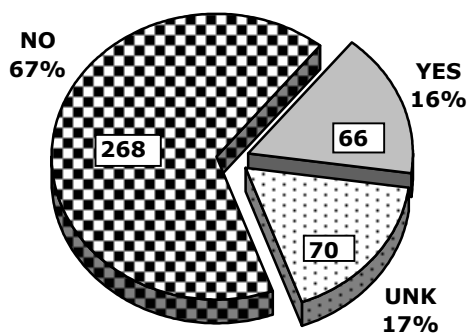
**FATAL INJURIES**



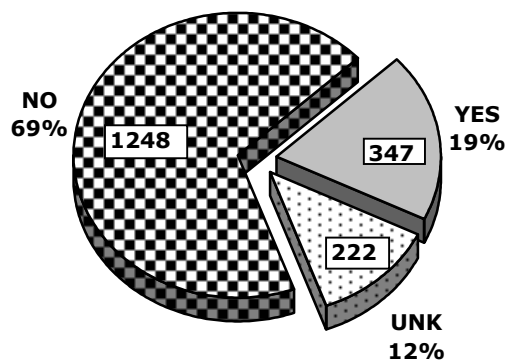
**NON-FATAL INJURIES**



**NOT INJURED**



**ALL RIDERS**



## **TRAFFIC COLLISIONS INVOLVING OTHER MOTORIZED BIKES**

### **COLLISIONS BY YEAR**

<b>YEAR</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
1998	6	127	9	142	6	141
1999	2	106	12	120	2	117
2000	1	131	9	141	1	141
2001	12	132	23	167	12	155
2002	4	134	23	161	4	150
<b>TOTALS</b>	<b>21</b>	<b>630</b>	<b>76</b>	<b>731</b>	<b>25</b>	<b>704</b>

\* Property Damage Only

### **COLLISIONS BY MONTH**

<b>MONTH</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
January	0	8	1	9	0	8
February	1	9	2	12	1	12
March	0	11	2	13	0	11
April	1	8	2	11	1	9
May	0	13	5	18	0	17
June	0	16	4	20	0	19
July	1	21	1	23	1	23
August	1	17	0	18	1	18
September	0	15	2	17	0	16
October	0	4	1	5	0	4
November	0	7	1	8	0	7
December	0	5	2	7	0	6
<b>TOTALS</b>	<b>4</b>	<b>134</b>	<b>23</b>	<b>161</b>	<b>4</b>	<b>150</b>

\* Property Damage Only

### **COLLISIONS BY LIGHT AND WEATHER CONDITIONS**

<b>LIGHT &amp; WEATHER</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
Day & Clear/Cloudy	3	86	17	106	3	97
Dark & Clear/Cloudy	1	41	6	48	1	46
Day & Rain	0	5	0	5	0	5
Dark & Rain	0	2	0	2	0	2
<b>TOTALS</b>	<b>4</b>	<b>134</b>	<b>23</b>	<b>161</b>	<b>4</b>	<b>150</b>

\* Property Damage Only

\*\*Includes all fatalities and injuries in the collision not just to other motorized bike riders.

## **TRAFFIC COLLISIONS INVOLVING OTHER MOTORIZED BIKES**

### **COLLISIONS BY DAY OF WEEK**

<b>DAY OF WEEK</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
Sunday	0	14	3	17	0	15
Monday	0	20	3	23	0	22
Tuesday	0	19	1	20	0	20
Wednesday	2	17	0	19	2	20
Thursday	1	13	5	19	1	15
Friday	1	23	4	28	1	27
Saturday	0	28	7	35	0	31
<b>TOTALS</b>	<b>4</b>	<b>134</b>	<b>23</b>	<b>161</b>	<b>4</b>	<b>150</b>

\* Property Damage Only

### **COLLISIONS BY TIME OF DAY**

<b>TIME OF DAY</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
12:01am-3:00am	0	7	0	7	0	7
3:01am-6:00am	0	3	0	3	0	3
6:01am-9:00am	0	7	0	7	0	8
9:01am-Noon	1	18	1	20	1	21
12:01pm-3:00pm	0	21	5	26	0	22
3:01pm-6:00pm	2	39	7	48	2	45
6:01pm-9:00pm	0	27	4	31	0	32
9:01pm-Midnight	1	12	6	19	1	12
<b>TOTALS</b>	<b>4</b>	<b>134</b>	<b>23</b>	<b>161</b>	<b>4</b>	<b>150</b>

\* Property Damage Only

### **COLLISIONS BY WHO CONTRIBUTED TO CRASH**

<b>UNITS INVOLVED</b>	<b>COLLISION TYPE</b>			<b>Totals</b>
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	
Motorized Bike Driver Contributed	1	87	18	106
Motorized Bike Driver Did Not Contribute	3	47	6	56
<b>TOTAL MOPED DRIVERS</b>	<b>4</b>	<b>134</b>	<b>24</b>	<b>162</b>
Other Driver Contributed	2	40	7	49
Other Driver Did Not Contribute	2	63	16	81
<b>TOTAL OTHER DRIVERS</b>	<b>4</b>	<b>103</b>	<b>23</b>	<b>130</b>
<b>TOTALS</b>	<b>8</b>	<b>237</b>	<b>47</b>	<b>292</b>

\* Property Damage Only

\*\* Includes all fatalities and injuries in the collision, not just the other motorized riders.

## **TRAFFIC COLLISIONS INVOLVING PEDALCYCLES**

### **COLLISIONS BY YEAR**

<b>YEAR</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
1998	20	613	16	649	20	635
1999	14	468	16	498	14	498
2000	25	490	21	536	25	524
2001	25	464	29	518	25	502
2002	16	478	30	524	16	505
<b>TOTALS</b>	<b>100</b>	<b>2,513</b>	<b>112</b>	<b>2,725</b>	<b>100</b>	<b>2,664</b>

### **COLLISIONS BY MONTH**

<b>MONTH</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
January	1	19	2	22	1	19
February	1	31	0	32	1	32
March	2	29	2	33	2	29
April	0	42	3	45	0	45
May	1	56	2	59	1	59
June	3	56	4	63	3	65
July	2	54	4	60	2	55
August	0	50	4	54	0	54
September	1	39	6	46	1	42
October	3	48	1	52	3	49
November	0	27	1	28	0	27
December	2	27	1	30	2	29
<b>TOTALS</b>	<b>16</b>	<b>478</b>	<b>30</b>	<b>524</b>	<b>16</b>	<b>505</b>

### **COLLISIONS BY LIGHT AND WEATHER CONDITIONS**

<b>LIGHT &amp; WEATHER</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
Day & Clear/Cloudy	4	336	21	361	4	351
Dark & Clear/Cloudy	8	110	7	125	8	117
Day & Rain	1	14	1	16	1	16
Dark & Rain	3	13	1	17	3	16
Day & Other Weather	0	2	0	2	0	2
Dark & Other Weather	0	3	0	3	0	3
<b>TOTALS</b>	<b>16</b>	<b>478</b>	<b>30</b>	<b>524</b>	<b>16</b>	<b>505</b>

\* Property Damage Only

\*\*Includes all fatalities and injuries in the collision not just to pedalcycle riders.

## **TRAFFIC COLLISIONS INVOLVING PEDALCYCLES**

### **COLLISIONS BY DAY OF WEEK**

DAY OF WEEK	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Sunday	1	59	2	62	1	62
Monday	4	75	4	83	4	80
Tuesday	2	62	6	70	2	68
Wednesday	4	65	10	79	4	69
Thursday	0	60	4	64	0	63
Friday	1	86	2	89	1	90
Saturday	4	71	2	77	4	73
<b>TOTALS</b>	<b>16</b>	<b>478</b>	<b>30</b>	<b>524</b>	<b>16</b>	<b>505</b>

### **COLLISIONS BY TIME OF DAY**

TIME OF DAY	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
12:01am-3:00am	1	17	0	18	1	20
3:01am-6:00am	1	3	1	5	1	3
6:01am-9:00am	0	30	2	32	0	32
9:01am-Noon	0	56	1	57	0	57
12:01pm-3:00pm	2	92	6	100	2	99
3:01pm-6:00pm	2	163	8	173	2	169
6:01pm-9:00pm	7	77	7	91	7	81
9:01pm-Midnight	3	40	5	48	3	44
<b>TOTALS</b>	<b>16</b>	<b>478</b>	<b>30</b>	<b>524</b>	<b>16</b>	<b>505</b>

### **AGE & SEX OF PEDALCYCLISTS**

AGE	CASUALTY TYPE						TOTALS	
	Fatality		Non Fatal Injury		Not Injured			
	Male	Female	Male	Female	Male	Female	Male	Female
Under 10	2	0	46	0	2	1	50	1
10-11	0	0	26	9	0	0	26	9
12-15	3	1	61	4	7	0	71	5
16-20	0	0	34	5	3	2	37	7
21-30	2	0	48	12	3	2	53	14
Over 30	7	0	200	17	6	2	213	19
Unknown	0	0	4	21	3	1	7	22
TOTALS	14	1	419	68	24	8	457	77

\* Property Damage Only

\*\* Includes all fatalities and injuries in the collision, not just the pedalcycle riders.



## TRAFFIC COLLISIONS INVOLVING SCHOOL BUSES

### COLLISIONS BY YEAR

YEAR	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
1998	2	115	184	301	2	453
1999	3	103	235	341	4	473
2000	2	113	228	343	3	479
2001	4	136	232	372	5	494
2002	4	120	229	353	4	427
<b>TOTALS</b>	<b>15</b>	<b>587</b>	<b>1,108</b>	<b>1,710</b>	<b>18</b>	<b>2,326</b>

### COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	0	8	20	28	0	25
February	1	9	22	32	1	33
March	0	18	23	41	0	45
April	1	9	23	33	1	19
May	1	8	23	32	1	42
June	0	4	10	14	0	6
July	0	1	2	3	0	1
August	0	14	25	39	0	37
September	0	15	23	38	0	37
October	1	18	28	47	1	100
November	0	13	22	35	0	72
December	0	3	8	11	0	10
<b>TOTALS</b>	<b>4</b>	<b>120</b>	<b>229</b>	<b>353</b>	<b>4</b>	<b>427</b>

### COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	2	87	183	272	2	279
Dark & Clear/Cloudy	1	7	14	22	1	19
Day & Rain	1	17	22	40	1	84
Dark & Rain	0	7	7	14	0	43
Day & Other Weather	0	2	1	3	0	2
Dark & Other Weather	0	0	2	2	0	0
<b>TOTALS</b>	<b>4</b>	<b>120</b>	<b>229</b>	<b>353</b>	<b>4</b>	<b>427</b>

\* Property Damage Only

\*\*Includes all fatalities and injuries in the collision, not just to the school bus riders.

## **TRAFFIC COLLISIONS INVOLVING SCHOOL BUSES**

### **COLLISIONS BY DAY OF WEEK**

<b>DAY OF WEEK</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
Sunday	0	0	2	2	0	0
Monday	1	24	38	63	1	91
Tuesday	0	27	52	79	0	58
Wednesday	1	29	48	78	1	96
Thursday	1	20	43	64	1	106
Friday	1	19	44	64	1	74
Saturday	0	1	2	3	0	2
<b>TOTALS</b>	<b>4</b>	<b>120</b>	<b>229</b>	<b>353</b>	<b>4</b>	<b>427</b>

### **COLLISIONS BY TIME OF DAY**

<b>TIME OF DAY</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
12:01am-3:00am	0	1	1	2	0	1
3:01am-6:00am	0	1	1	2	0	2
6:01am-9:00am	3	50	87	140	3	204
9:01am-Noon	0	7	13	20	0	33
12:01pm-3:00pm	0	19	45	64	0	39
3:01pm-6:00pm	0	41	78	119	0	132
6:01pm-9:00pm	1	1	4	6	1	16
9:01pm-Midnight	0	0	0	0	0	0
<b>TOTALS</b>	<b>4</b>	<b>120</b>	<b>229</b>	<b>353</b>	<b>4</b>	<b>427</b>

### **COLLISIONS BY WHO CONTRIBUTED TO CRASH**

<b>UNITS INVOLVED</b>	<b>COLLISION TYPE</b>			<b>Totals</b>
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	
Bus Driver Contributed	0	46	95	141
Bus Driver Did Not Contribute	4	77	137	218
<b>TOTAL SCHOOL BUS DRIVERS</b>	<b>4</b>	<b>123</b>	<b>232</b>	<b>359</b>
Other Driver Contributed	4	69	132	205
Other Driver Did Not Contribute	2	48	93	143
<b>TOTAL OTHER DRIVERS</b>	<b>6</b>	<b>117</b>	<b>225</b>	<b>348</b>
<b>TOTALS</b>	<b>10</b>	<b>240</b>	<b>457</b>	<b>707</b>

\* Property Damage Only

\*\*Includes all fatalities and injuries in the collision, not just to the school bus riders.

## **TRAFFIC COLLISIONS INVOLVING PEDESTRIANS**

### **COLLISIONS BY YEAR**

<b>YEAR</b>	<b>COLLISION TYPE</b>				<b>PERSONS</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
1998	111	906	20	1,037	114	1,064
1999	111	814	21	946	112	951
2000	80	814	26	920	83	970
2001	108	780	34	922	110	899
2002	89	803	32	924	97	948
<b>TOTALS</b>	<b>499</b>	<b>4,117</b>	<b>133</b>	<b>4,749</b>	<b>516</b>	<b>4,832</b>

### **COLLISIONS BY MONTH**

<b>MONTH</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
January	9	57	0	66	9	64
February	3	65	1	69	3	69
March	3	58	4	65	8	75
April	8	62	2	72	8	78
May	8	71	4	83	9	78
June	14	71	4	89	15	92
July	5	63	4	72	5	80
August	5	71	1	77	5	83
September	6	74	2	82	6	89
October	7	72	6	85	7	77
November	11	70	1	82	12	84
December	10	69	3	82	10	79
<b>TOTALS</b>	<b>89</b>	<b>803</b>	<b>32</b>	<b>924</b>	<b>97</b>	<b>948</b>

### **COLLISIONS BY LIGHT AND WEATHER CONDITIONS**

<b>LIGHT &amp; WEATHER</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
Day & Clear/Cloudy	14	365	16	395	14	428
Dark & Clear/Cloudy	69	356	14	439	72	410
Day & Rain	0	28	2	30	0	37
Dark & Rain	3	41	0	44	3	56
Day & Other Weather	0	5	0	5	0	9
Dark & Other Weather	3	8	0	11	8	8
<b>TOTALS</b>	<b>89</b>	<b>803</b>	<b>32</b>	<b>924</b>	<b>97</b>	<b>948</b>

\*Property Damage Only

\*\*Includes all fatalities and injuries in the collision, not just pedestrians

## **TRAFFIC COLLISIONS INVOLVING PEDESTRIANS**

### **ACTION TAKEN BY PEDESTRIAN**

<b>ACTION</b>	<b>PEDESTRIANS</b>					
	<b>Killed</b>		<b>Injured</b>		<b>Not Injured</b>	
	<b>No.</b>	<b>%</b>	<b>No.</b>	<b>%</b>	<b>No.</b>	<b>%</b>
Approaching or Leaving Vehicle	5	5.4	24	2.8	0	0.0
Entering/Crossing Location	17	18.5	171	20.0	10	27.0
Playing/Working on Vehicle	2	2.2	13	1.5	0	0.0
Pushing Vehicle	0	0.0	4	0.5	1	2.7
Standing	4	4.3	92	10.8	3	8.1
Walking or Playing	46	50.0	415	48.7	9	24.3
Working	2	2.2	12	1.4	1	2.7
Other	2	2.2	25	2.9	1	2.7
Unknown	14	15.2	97	11.4	12	32.4
<b>TOTALS</b>	<b>92</b>	<b>100.0</b>	<b>853</b>	<b>100.0</b>	<b>37</b>	<b>100.0</b>

### **AGE AND SEX OF PEDESTRIANS**

<b>AGE</b>	<b>PEDESTRIANS</b>							
	<b>Killed</b>		<b>Injured</b>		<b>Not Injured</b>		<b>TOTALS</b>	
	<b>Male</b>	<b>Female</b>	<b>Male</b>	<b>Female</b>	<b>Male</b>	<b>Female</b>	<b>Male</b>	<b>Female</b>
Under 5	0	0	13	10	0	0	13	10
5-9	1	4	38	21	3	0	42	25
10-14	3	2	45	30	2	0	50	32
15-19	7	2	54	49	3	0	64	51
20-24	4	0	52	29	4	2	60	31
25-34	13	4	97	40	3	0	113	44
35-44	9	8	102	47	0	2	111	57
45-54	17	2	75	37	4	2	96	41
55-64	4	2	36	20	2	1	42	23
65-74	5	1	15	7	1	0	21	8
75 & Older	2	1	10	13	2	0	14	14
Not Stated	1	0	11	2	6	0	18	2
<b>TOTALS</b>	<b>66</b>	<b>26</b>	<b>548</b>	<b>305</b>	<b>30</b>	<b>7</b>	<b>644</b>	<b>338</b>

## **TRAFFIC COLLISIONS INVOLVING TRAINS**

### **TEN YEAR SUMMARY**

<b>YEAR</b>	<b>COLLISION TYPE</b>				<b>PERSONS</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
1993	10	25	46	81	16	36
1994	10	36	38	84	10	56
1995	5	38	57	100	6	50
1996	6	32	48	86	6	62
1997	9	25	36	70	12	30
1998	2	26	40	68	5	36
1999	3	18	35	56	3	28
2000	7	22	40	69	7	30
2001	4	26	23	53	4	37
2002	5	24	31	60	6	42
<b>TOTALS</b>	<b>61</b>	<b>272</b>	<b>394</b>	<b>727</b>	<b>75</b>	<b>407</b>

\*Property Damage Only

### **RAILWAY TRAIN COLLISIONS BY MONTH**

<b>MONTH</b>	<b>COLLISION TYPE</b>				<b>PERSONS</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
January	0	2	1	3	0	3
February	1	3	2	6	1	3
March	2	4	0	6	3	5
April	0	0	3	3	0	0
May	0	2	2	4	0	12
June	0	3	4	7	0	4
July	0	3	3	6	0	4
August	1	3	5	9	1	3
September	0	1	2	3	0	3
October	0	1	2	3	0	1
November	1	2	3	6	1	4
December	0	0	4	4	0	0
<b>TOTALS</b>	<b>5</b>	<b>24</b>	<b>31</b>	<b>60</b>	<b>6</b>	<b>42</b>

\*Property Damage Only

## **TRAFFIC COLLISIONS INVOLVING TRAINS**

### **COLLISIONS BY LIGHT AND WEATHER CONDITIONS**

LIGHT & WEATHER	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	4	18	18	40	5	35
Dark & Clear/Cloudy	1	4	10	15	1	5
Day & Rain	0	0	2	2	0	0
Dark & Rain	0	2	1	3	0	2
<b>TOTALS</b>	<b>5</b>	<b>24</b>	<b>31</b>	<b>60</b>	<b>6</b>	<b>42</b>

\*Property Damage Only

### **COLLISIONS BY ROUTE CATEGORY**

ROUTE CATEGORY	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Interstate	0	0	0	0	0	0
US Primary	1	4	6	11	2	6
SC Primary	0	1	2	3	0	1
Secondary	3	11	18	32	3	19
County	1	8	5	14	1	16
<b>TOTALS</b>	<b>5</b>	<b>24</b>	<b>31</b>	<b>60</b>	<b>6</b>	<b>42</b>

### **COLLISIONS BY TRAFFIC CONTROL DEVICE**

DEVICE TYPE	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Stop Sign	0	2	2	4	0	2
None	0	0	3	3	0	0
Officer or Flagman	0	1	2	3	0	1
RR Crossing Gates/Lights	0	6	9	15	0	10
RR Flashing Lights	3	5	8	16	4	9
Other Regulatory Sign	0	1	0	1	0	1
RR Crossbucks Only	2	9	6	17	2	19
Unknown	0	0	1	1	0	0
<b>TOTALS</b>	<b>5</b>	<b>24</b>	<b>31</b>	<b>60</b>	<b>6</b>	<b>42</b>

\*Property Damage Only

## **TRAFFIC COLLISIONS INVOLVING SUV'S**

### **COLLISIONS BY YEAR**

<b>YEAR</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
2001	144	4,506	10,272	14,922	133	7,717
2002	143	5,407	13,659	19,209	161	9,262
<b>TOTALS</b>	<b>287</b>	<b>9,913</b>	<b>23,931</b>	<b>34,131</b>	<b>294</b>	<b>16,979</b>

### **COLLISIONS BY MONTH**

<b>MONTH</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
January	9	421	985	1415	9	661
February	6	339	891	1236	6	577
March	17	425	1094	1536	18	733
April	8	469	1037	1514	11	824
May	11	469	1166	1646	13	802
June	16	438	1147	1601	17	792
July	12	456	1166	1634	13	839
August	7	518	1242	1767	8	823
September	13	440	1062	1515	14	792
October	9	470	1302	1781	12	792
November	13	485	1322	1820	15	826
December	22	477	1245	1744	25	801
<b>TOTALS</b>	<b>143</b>	<b>5,407</b>	<b>13,659</b>	<b>19,209</b>	<b>161</b>	<b>9,262</b>

### **COLLISIONS BY LIGHT AND WEATHER CONDITIONS**

<b>LIGHT &amp; WEATHER</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
Day & Clear/Cloudy	70	3,341	8,857	12,268	82	5,784
Dark & Clear/Cloudy	57	1,240	2,537	3,834	62	2,157
Day & Rain	10	480	1,364	1,854	11	784
Dark & Rain	6	245	618	869	6	381
Day & Other Weather	0	34	144	178	0	53
Dark & Other Weather	0	67	139	206	0	103
<b>TOTALS</b>	<b>143</b>	<b>5,407</b>	<b>13,659</b>	<b>19,209</b>	<b>161</b>	<b>9,262</b>

\* Property Damage Only

\*\* Includes all fatalities and injuries in the collision, not just to the SUV occupants.

## **TRAFFIC COLLISIONS INVOLVING SUV'S**

### **COLLISIONS BY DAY OF WEEK**

<b>DAY OF WEEK</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
Sunday	21	560	1,261	1,842	24	1,012
Monday	11	777	2,001	2,789	13	1,286
Tuesday	18	754	1,878	2,650	18	1,245
Wednesday	12	783	2,065	2,860	13	1,320
Thursday	23	764	2,005	2,792	28	1,324
Friday	27	992	2,613	3,632	33	1,665
Saturday	31	777	1,836	2,644	32	1,410
<b>TOTALS</b>	<b>143</b>	<b>5,407</b>	<b>13,659</b>	<b>19,209</b>	<b>161</b>	<b>9,262</b>

### **COLLISIONS BY TIME OF DAY**

<b>TIME OF DAY</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
12:01am-3:00am	13	288	476	777	14	494
3:01am-6:00am	12	153	313	478	14	229
6:01am-9:00am	22	643	1,775	2,440	26	1,048
9:01am-Noon	14	657	1,806	2,477	15	1,053
12:01pm-3:00pm	16	1,078	2,861	3,955	17	1,858
3:01pm-6:00pm	27	1,372	3,815	5,214	33	2,405
6:01pm-9:00pm	23	786	1,776	2,585	26	1,421
9:01pm-Midnight	16	430	837	1,283	16	754
<b>TOTALS</b>	<b>143</b>	<b>5,407</b>	<b>13,659</b>	<b>19,209</b>	<b>161</b>	<b>9,262</b>

### **COLLISIONS BY WHO CONTRIBUTED TO CRASH**

<b>UNITS INVOLVED</b>	<b>COLLISION TYPE</b>			<b>Totals</b>
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	
SUV Driver Contributed	97	2,972	6,977	10,046
SUV Driver Did Not Contribute	49	2,891	7,862	10,802
<b>TOTAL SUV DRIVERS</b>	<b>146</b>	<b>5,863</b>	<b>14,839</b>	<b>20,848</b>
Other Driver Contributed	42	2,405	6,339	8,786
Other Driver Did Not Contribute	62	2,955	6,191	9,208
<b>TOTAL OTHER DRIVERS</b>	<b>104</b>	<b>5,360</b>	<b>12,530</b>	<b>17,994</b>
<b>TOTALS</b>	<b>250</b>	<b>11,223</b>	<b>27,369</b>	<b>38,842</b>

\* Property Damage Only

\*\* Includes all fatalities and injuries in the collision, not just to the SUV occupants.



## **TRAFFIC COLLISIONS INVOLVING TRUCK TRACTORS**

### **COLLISIONS BY YEAR**

<b>YEAR</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
1998	99	1,157	2,484	3,740	118	1,841
1999	97	1,107	2,775	3,979	114	2,709
2000	89	1,100	2,821	4,010	105	1,774
2001	80	1,006	2,614	3,700	89	1,600
2002	71	1,020	2,989	4,080	86	1,573
<b>TOTALS</b>	<b>436</b>	<b>5,390</b>	<b>13,683</b>	<b>19,509</b>	<b>512</b>	<b>9,497</b>

### **COLLISIONS BY MONTH**

<b>MONTH</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
January	6	87	278	371	9	143
February	6	86	211	303	8	112
March	7	91	226	324	12	135
April	5	77	248	330	5	109
May	7	96	290	393	8	138
June	5	79	242	326	6	130
July	4	96	245	345	5	170
August	6	86	251	343	6	123
September	2	71	222	295	2	99
October	6	82	289	377	7	117
November	8	85	253	346	9	171
December	9	84	234	327	9	126
<b>TOTALS</b>	<b>71</b>	<b>1,020</b>	<b>2,989</b>	<b>4,080</b>	<b>86</b>	<b>1,573</b>

### **COLLISIONS BY LIGHT AND WEATHER CONDITIONS**

<b>LIGHT &amp; WEATHER</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
Day & Clear/Cloudy	39	648	1,998	2,685	46	1,010
Dark & Clear/Cloudy	23	217	554	794	25	323
Day & Rain	4	85	228	317	4	135
Dark & Rain	1	42	113	156	1	61
Day & Other Weather	2	10	41	53	3	19
Dark & Other Weather	2	18	55	75	7	25
<b>TOTALS</b>	<b>71</b>	<b>1,020</b>	<b>2,989</b>	<b>4,080</b>	<b>86</b>	<b>1,573</b>

\*Property Damage Only

\*\*Includes all persons in the collision, not just truck tractor occupants.

## **TRAFFIC COLLISIONS INVOLVING TRUCK TRACTORS**

### **TRUCK TRACTOR COLLISIONS BY DAY OF WEEK**

<b>DAY OF WEEK</b>	<b>COLLISION TYPE</b>				<b>PERSONS</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
Sunday	3	42	115	160	4	62
Monday	16	181	514	711	24	260
Tuesday	16	220	518	754	18	335
Wednesday	14	173	546	733	14	234
Thursday	10	169	533	712	11	291
Friday	7	177	579	763	7	294
Saturday	5	58	187	250	8	97
<b>TOTALS</b>	<b>71</b>	<b>1,020</b>	<b>2,992</b>	<b>4,083</b>	<b>86</b>	<b>1,573</b>

### **TRUCK TRACTOR UNITS BY ATTACHMENT TYPES\*\***

<b>ATTACHMENT TYPE</b>	<b>COLLISION TYPE</b>			<b>TOTAL</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Number</b>	<b>Percent</b>
None	7	125	420	552	12.8%
Mobile Home	0	6	42	48	1.1%
Semi-Trailer	48	681	2,101	2,830	65.5%
Utility Trailer	0	9	38	47	1.1%
Farm Trailer	0	2	8	10	0.2%
Trailer with Boat	1	2	7	10	0.2%
Camper Trailer	0	0	5	5	0.1%
Towed Motor Vehicle	0	3	12	15	0.3%
Petroleum Tanker	2	26	49	77	1.8%
Lowboy Trailer	2	25	62	89	2.1%
Auto Carrier Trailer	3	5	29	37	0.9%
Other Tanker	4	28	47	79	1.8%
Flat Bed	10	86	213	309	7.1%
Other	0	6	32	38	0.9%
Twin Trailers	2	66	108	176	4.1%
Container	0	0	0	0	0.0%
<b>TOTALS</b>	<b>79</b>	<b>1,070</b>	<b>3,173</b>	<b>4,322</b>	<b>100.0%</b>

\*Property Damage Only

\*\*Figures are for each individual truck involved in collisions, therefore the totals are greater than the total number of collisions indicated in other tables.

## **TRAFFIC COLLISIONS INVOLVING VANS\*\*\***

### **COLLISIONS BY YEAR**

<b>YEAR</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
1998	74	3,266	6,787	10,127	81	6,350
1999	62	3,434	7,487	10,983	81	6,449
2000	81	3,150	7,593	10,824	99	5,888
2001	71	3,511	7,443	11,025	75	6,479
2002	73	3,513	8,455	12,041	82	6,380
<b>TOTALS</b>	<b>361</b>	<b>16,874</b>	<b>37,765</b>	<b>55,000</b>	<b>418</b>	<b>31,546</b>

### **COLLISIONS BY MONTH**

<b>MONTH</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
January	7	255	667	929	9	427
February	4	248	599	851	4	438
March	4	295	702	1001	4	574
April	2	280	720	1002	2	533
May	8	299	705	1012	9	554
June	7	318	741	1066	7	581
July	8	320	722	1050	10	578
August	8	343	743	1094	8	617
September	3	281	668	952	3	487
October	10	311	764	1085	13	571
November	3	290	728	1021	3	516
December	9	273	696	978	10	504
<b>TOTALS</b>	<b>73</b>	<b>3,513</b>	<b>8,455</b>	<b>12,041</b>	<b>82</b>	<b>6,380</b>

\* Property Damage Only

### **COLLISIONS BY LIGHT AND WEATHER CONDITIONS**

<b>LIGHT &amp; WEATHER</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
Day & Clear/Cloudy	37	2,362	5,898	8,297	40	4,303
Dark & Clear/Cloudy	27	645	1,325	1,997	31	1,195
Day & Rain	4	348	808	1,160	4	595
Dark & Rain	3	113	292	408	3	201
Day & Other Weather	2	21	72	95	4	40
Dark & Other Weather	0	24	60	84	0	46
<b>TOTALS</b>	<b>73</b>	<b>3,513</b>	<b>8,455</b>	<b>12,041</b>	<b>82</b>	<b>6,380</b>

\* Property Damage Only

\*\* Includes all fatalities and injuries in the collision, not just to the van occupants.

\*\*\* Includes both full size and mini-vans.

## **TRAFFIC COLLISIONS INVOLVING VANS\*\*\***

### **COLLISIONS BY DAY OF WEEK**

<b>DAY OF WEEK</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
Sunday	10	298	658	966	10	564
Monday	9	497	1,215	1,721	11	870
Tuesday	7	534	1,296	1,837	7	951
Wednesday	13	537	1,299	1,849	13	975
Thursday	13	526	1,282	1,821	18	912
Friday	10	624	1,662	2,296	12	1,132
Saturday	11	497	1,043	1,551	11	976
<b>TOTALS</b>	<b>73</b>	<b>3,513</b>	<b>8,455</b>	<b>12,041</b>	<b>82</b>	<b>6,380</b>

### **COLLISIONS BY TIME OF DAY**

<b>TIME OF DAY</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
12:01am-3:00am	8	80	185	273	9	144
3:01am-6:00am	4	59	152	215	4	83
6:01am-9:00am	6	416	1,172	1,594	8	692
9:01am-Noon	10	578	1,359	1,947	10	1,000
12:01pm-3:00pm	10	770	1,907	2,687	10	1,404
3:01pm-6:00pm	12	929	2,252	3,193	15	1,719
6:01pm-9:00pm	13	437	995	1,445	15	891
9:01pm-Midnight	10	244	433	687	11	447
<b>TOTALS</b>	<b>73</b>	<b>3,513</b>	<b>8,455</b>	<b>12,041</b>	<b>82</b>	<b>6,380</b>

### **COLLISIONS BY WHO CONTRIBUTED TO CRASH**

<b>UNITS INVOLVED</b>	<b>COLLISION TYPE</b>			<b>Totals</b>
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	
Van Driver Contributed	38	1,743	4,081	5,862
Van Driver Did Not Contribute	36	1,948	4,749	6,733
<b>TOTAL VAN DRIVERS</b>	<b>74</b>	<b>3,691</b>	<b>8,830</b>	<b>12,595</b>
Other Driver Contributed	41	1,764	4,098	5,903
Other Driver Did Not Contribute	36	2,149	4,277	6,462
<b>TOTAL OTHER DRIVERS</b>	<b>77</b>	<b>3,913</b>	<b>8,375</b>	<b>12,365</b>
<b>TOTALS</b>	<b>151</b>	<b>7,604</b>	<b>17,205</b>	<b>24,960</b>

\* Property Damage Only

\*\* Includes all fatalities and injuries in the collision, not just to the van occupants.

\*\*\* Includes both full size and mini-vans.

## **TRAFFIC COLLISIONS INVOLVING PICKUP TRUCKS**

### **COLLISIONS BY YEAR**

<b>YEAR</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
1998	212	8,655	19,265	28,132	229	14,467
1999	232	8,715	20,992	29,939	254	14,381
2000	231	8,532	20,698	29,461	251	13,918
2001	255	8,447	19,628	28,330	284	13,657
2002	243	8,587	21,727	30,557	273	13,944
<b>TOTALS</b>	<b>1,173</b>	<b>42,936</b>	<b>102,310</b>	<b>146,419</b>	<b>1,291</b>	<b>70,367</b>

### **COLLISIONS BY MONTH**

<b>MONTH</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
January	11	682	1,785	2,478	13	1,069
February	14	562	1,584	2,160	15	936
March	11	721	1,752	2,484	14	1,155
April	27	782	1,840	2,649	30	1,247
May	23	769	1,896	2,688	25	1,237
June	24	695	1,736	2,455	27	1,178
July	22	671	1,695	2,388	24	1,113
August	28	779	1,996	2,803	30	1,266
September	21	683	1,716	2,420	22	1,130
October	17	730	1,975	2,722	21	1,191
November	24	766	1,920	2,710	29	1,235
December	21	747	1,832	2,600	23	1,187
<b>TOTALS</b>	<b>243</b>	<b>8,587</b>	<b>21,727</b>	<b>30,557</b>	<b>273</b>	<b>13,944</b>

### **COLLISIONS BY LIGHT AND WEATHER CONDITIONS**

<b>LIGHT &amp; WEATHER</b>	<b>COLLISION TYPE</b>				<b>PERSONS**</b>	
	<b>Fatal</b>	<b>Injury</b>	<b>PDO*</b>	<b>Total</b>	<b>Killed</b>	<b>Injured</b>
Day & Clear/Cloudy	125	5,327	14,148	19,600	138	8,827
Dark & Clear/Cloudy	86	1,916	4,016	6,018	97	2,968
Day & Rain	14	817	2,113	2,944	17	1,320
Dark & Rain	11	361	973	1,345	13	566
Day & Other Weather	2	73	232	307	3	135
Dark & Other Weather	5	93	245	343	5	128
<b>TOTALS</b>	<b>243</b>	<b>8,587</b>	<b>21,727</b>	<b>30,557</b>	<b>273</b>	<b>13,944</b>

\* Property Damage Only

\*\*Includes all fatalities and injuries in the collision, not just pickup occupants

## TRAFFIC COLLISIONS INVOLVING PICKUP TRUCKS

### AGE AND SEX OF PICKUP DRIVERS\*\*

DRIVER AGE	COLLISION TYPE & DRIVER SEX							
	Fatal		Injury		PDO*		TOTALS	
	Male	Female	Male	Female	Male	Female	Male	Female
0-14	1	0	11	2	10	3	22	5
15-19	25	3	870	167	2,186	334	3,081	504
20-24	29	4	920	139	2,225	292	3,174	435
25-34	40	7	1,555	269	4,116	618	5,711	894
35-44	47	8	1,624	298	4,298	674	5,969	980
45-54	41	8	1,328	225	3,447	485	4,816	718
55-64	21	1	905	120	2,259	260	3,185	381
65-74	13	3	439	47	1,159	101	1,611	151
75 & Older	12	1	226	21	484	32	722	54
Unknown	0	0	1	0	0	0	1	0
<b>TOTALS</b>	<b>229</b>	<b>35</b>	<b>7,879</b>	<b>1,288</b>	<b>20,184</b>	<b>2,799</b>	<b>28,292</b>	<b>4,122</b>

\*Property Damage Only

\*\*Totals do not include unknown drivers (such as hit and run collisions), parked cars or driverless vehicles.

### AGE AND SEX OF PICKUP BED VICTIMS\*

VICTIM AGE	INJURY SEVERITY & VICTIM SEX							
	Killed		Injured		Not Injured		TOTALS	
	Male	Female	Male	Female	Male	Female	Male	Female
0-14	1	0	14	12	12	4	27	16
15-19	2	0	11	6	16	5	29	11
20-24	0	0	3	2	12	1	15	3
25-34	1	0	9	0	7	0	17	0
35-44	0	0	7	0	11	1	18	1
45-54	1	0	2	0	4	2	7	2
55-64	0	0	0	1	2	0	2	1
65-74	0	0	1	0	0	1	1	1
75 & Older	0	0	0	0	2	0	2	0
<b>TOTALS</b>	<b>5</b>	<b>0</b>	<b>47</b>	<b>21</b>	<b>66</b>	<b>14</b>	<b>118</b>	<b>35</b>

\*Includes occupants seated in pickup beds, covered and uncovered, plus occupants seated in any other area on the outside of the pickup.